Canadian Arctic Expedition Records.

R.M. Anderson.

Vol. V.

April 1st, 1915, to Aug. 9th, 1915.

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Rudolph Martin Anderson.

The Geological Survey,
Ottawa, Canada.

1915.

April 1. (Thurs.) Bernard Harbor. Dolphin and Union Strait, N.W.T.

Reached winter quarters at the station, returning from trip to Coppermine and Dease Rivers, at 8.30 p.m., this being the fifty-ninth day on the trail.

Found letter from Kenneth G. Chipman dated March 16th. Chipman and O'Neill started back March 17th, taking Hay Angalitiak with them; one sled and seven dogs. Grub taken: Hard bread 50 lbs. Rice 50 lbs. Lard 20 lbs. Sugar 40 lbs. Pemmican 75 lbs. Oatmeal 20 lbs. Beans 20 lbs. Malted Milk 20 lbs. Fruit 15 lb.. Chocolate 15 lbs. Tea 800 tablets. Total 320 lbs. Dog food: Pemmican 80 lbs. Rice 25 lbs. Estimated grub for three men for 45 days and dogs for 20 days. He did not think it would be necessary to go to Hooton

April 1. (Thurs). River or Booth Island for anything more, in case he got shelter from Khigenbey at Cape Lyon. They had made a new coat of green jean, using for lining the white drill lining we brought from Baillie Island. Tent now weighs 57 lbs. and the poles 18 lbs. The two teams from the Coppermine returned on the first of March (Jennes, Johanes and Palaiyak), and the following day the Coppermine Eskimo commenced to arrive.

Chipman had made a temporary arrangement with Ulokisoak, as the only local Eskimo who seemed to have any idea of service and wants to work for us. He is to remain and hunt seals for the present and Caribou later and we are to buy the meat from him. His two wives are to do sewing as required. On this arrangement

April 1. Ulokvoak was issued one 30-30 rifle and two boxes of cartridges and a small quantity of food. Without this arrangement he would have gone back east with the other natives.
Natives from the islands (Liston and Sutton Islands) had been over several times and brought over 19 Seals which were purchased, and a few other things as Ethnological Specimens. Most of the things they refused to buy until the return of Jenness from the Coppermine River.

Caribou — Ulokvoak killed three near here about ten days ago.
Redpoll (Acanthis sp.). F. Johnsen found a male dead on the ice between Cape Lambert and the station on March 1st.
Raven — saw one today about 15 miles east of station.

Bernard Harbor. Dolphin and Union Strait.

April 1. (Thurs.) —6° at 10:00 a.m. Broke camp at Cape Lambert cliffs and started home 11:00 a.m. Passed a large deserted snow-house village at a rocky point 1:00 p.m. Stopped for lunch in a snow house and started off again 1:40 p.m. Passed another old village at 5:00 p.m., East ✗ Chantry Island (built since we went East Feb. 2nd), and another a little farther west. Passed East end of Chantry Island 7:00 p.m. Kept along south ✗ island and reached station 8:50 p.m.

Strong SE wind blowing all day and snow drifting.

Caribou tracks — saw a number ✗ tracks going north on the ice and a pile ✗ cleaned bones on the ice, left by Eskimos

Bernard Harbor. N.W.T.

April 2. (Fri.) Cloudy. Hazy. 0° at 8:00 a.m. -5° at 1:00 p.m. Wind East. Snow drifting in afternoon

April 3. (Sat.) Cloudy. Hazy. Strong West wind and snow drifting. Max. +8° F. Min. -4°.

Caribou — Palaiyat saw eight in creek-valley about half a mile west of camp and wounded three. and shot one 1 He went out again in afternoon and got the other seven — total eight

*374. ♀ yearling Caribou

*375. ♀ " "

Skinned two birds, frozen since fall.

*357. ♀ Buteo swainsoni Bonaparte ~~Falco peregrinus anatum~~. Local name "Kĭ-la ga'vik." Shot by Palaiyat Sept. 9. 1914.

*358. ♀ Falco islandus "Kŭ'la." Shot by Palaiyat Sept. 1914.

Bernard Harbor, N.W.T.

April 4. (Sun.) Hazy sun all day. Strong west wind, and snow drifting. Clear in evening, and wind lowered. +10° Max. −2° Min.

Caribou — Palaiyak hauled home the eight Caribou he shot yesterday — four large cows, and four yearling cows.

Skinned some birds today.

Had a new sleeping bag made, as my old reindeer bag is shedding most of its hair. Bought four good (medium length hair) fall Caribou skins from Ulukoark, and his elder wife Kukutok scraped and sewed them up. Paid for skins and labor, four boxes .44 cartridges.

Had Palaiyak buy a wolverine skin for trimmings, from Ulukoark — (what is called a "good", i.e. light-colored skin). for ½ lb. powder, 1 bar lead, and 1 box No. 1 primers.

Bernard Harbor. N.W.T.

April 5 (Mon.). Clear in the morning. Wind North and North East. Max +2°. Min −16°.

April 6. (Tues.). Clear a.m. Hazy p.m. Wind at 8:00 a.m. ENE 10 miles per hour. At 5:00 p.m. 30 miles per hour. Max +.8 Min. −20°.

April 7. (Wed.). Hazy. Strong East wind. 31 miles per hour. Max. +4°. Min. −10°.

Bernard Harbor. N.W.T.

April 8. (Thurs.) Wind westerly. +15° at 8:00 a.m. 2 miles per hour.

Caribou — Johansen saw fresh tracks.

White Fox — Eskimo boy caught two today.

Several Eskimos came over from Okallit today.

April 9. (Fri.) Clear. Light west wind. Snow drifting a little. Min. −9.5°. Max. +13°. 0° at 6:00 p.m.

Arctic Fox — Eskimo boy caught one ~~Fox today~~, a little brownish in color.

Some of the natives went to the eastward a few miles today to hunt Ugyuk (Bearded Seal).

Bernard Harbor. N.W.T.

April 10. (Sat.) Clear all day. Warm sun. Light westerly wind.
Sta. 8:00 a.m. —11.5. Max. 26°. Min. —19.5

Eskimos came in from off shore. They had one large and two small Seals. They made themselves quite a nuisance by continual begging.

April 11. (Sun.) Clear a.m. Very light easterly wind. (5 miles per hr.) Sta. —0.3 at 8:00 a.m.
Max. +11.5 Min —19.0.

Five Eskimos came over. Bought two Caribou skins for two boxes of cartridges.

Rock Ptarmigan - two or three seen near house.

Bernard Harbor, N.W.T.

April 12 (Mon.)

Clear. Very light wind.
Sta. -6. Max. +6.1 Min -22.9
0.03 at noon.

Rock Ptarmigan - one near house.

Illuksoak returned from the hunting camp a few miles to the Eastward, bringing 1 Ugyuk and 4 Caribou. He gave us two Caribou on account, reserving the rest for his own use.

Ikpukkuag has killed 1 Ugyuk and 2 Caribou, and his son has killed one Caribou and 1 Hare.

Bought about 150 lbs. of Seal meat for 1 box .44 Cartridges.

Illuksoak came with a story that one Kunaluk (a visitor from Okallit) had stolen two boxes of cartridges from his house during his absence. As he said he had no more cartridges, I issued him one more box of .44's on account. Mr. Jenness is soon going over to Okallit and

April 12 (Mon.) will investigate the larceny story when he finds the natives there. Illuksoak is a foxy customer, and may be trying to work us for all the cartridges he can.*

Ataksiag's wife today scraped three Caribou skins and sewed them into a sleeping bag for Cortney. The skins were scraped good and soft, a pretty good day's work.

Payment 3 boxes 30-30. also gift 3 hard tack. Johannes busy most of day "shooting" and natives

A few days later Illuksoak came over and after some preliminary rolling-up of sleeves, in approved prestidigitateur style announced that he was going to work magic. He rolled his eyes and acted as if in a trance. Then he waved his hand from the direction of Okallik, and stooping down, drew forth a dirty box of cartridges which he said were his stolen cartridges wafted through the air from Okallik. He then wanted me to bring over the other stolen box in a similar manner, but I declined.

Bernard Harbor, N.W.T.

April 13. (Tues.) Hazy bright. Calm. Warm.
Sta. 8:30 a.m. – 2.9. Max +18.2.
Min. – 21.0.

(288) Phot. V.P. ✕8. Small Eskimo boy Bernard Harbor. 11–$\frac{1}{25}$–B.C. 2:00 p.m.

(249) 3A. ✕9. Ulukpoak's Caribou-skin tent-house. 8–$\frac{1}{50}$–B.C. 2:00 p.m.

(250) ✕10. Eskimo snow-housed dome. Schr. N Star. do.

Bought 1 pr. sealskin slippers for 1 tea from Castel and Johansen went for wood, the former going west and the latter east.

Rock Ptarmigan – Johansen saw a flock on Chantry Island today.

Snowy Owl – Castel saw one today.

Uksiatak, who sprained his ankle some time ago, and has had his ankle in splints since, and has considerable leisure, together with his wife, and the older man (a doctor) were begging a good deal today. They ask for

April 13 (Tues)

anything they see, and apparently do not seem disappointed when refused. They evidently feel that asking for favors is only taking a chance which costs nothing and may bring returns.

Mr. D. Jenness started for Victoria Island today with Ikpukhuak and family. He has arranged for Ikpukhuak to accompany him this summer, Jenness supplying him with a rifle and ammunition, and to live with him and help him as much as needs be. If Ikpukhuak renders satisfactory service, he is to retain the rifle in the fall, and receive some more ammunition.

Mr. Jenness has previously sent over 400-500 lbs. of provisions - rice, sugar, pemmican, cocoa, etc., to be cached with the native stores on the south shore of Victoria Island, for their return in the fall. The natives are going

Bernard Harbor, N.W.T.

April 13. (Tues.)

over there now to make their spring caches of seal blubber. As soon as the Caribou begin to migrate across Dolphin and Union Strait in considerable numbers, Mr. Jenness and the natives will follow the Caribou northward across the Wollaston Peninsula to the eastern end of Prince Albert Sound. From there they expect to sledge up one of the large rivers flowing into the East end of the Sound, and spend the spring and summer fishing and hunting caribou around the large lake in the interior of Victoria Island, called

He has tried to induce these natives to go across the island and visit the Ekalluktogmiut, on Albert Edward Bay, at the southeast corner of Victoria Island, but the natives seemed unwilling to go so far. Possibly Mr. Jenness may go further with some of the Prince Albert Sound people,

April 13. (Tues.) but the present probability is that he will spend the summer doing Ethnographical work in the west Central part of Victoria Island, and return to the south coast when the Caribou migrate south in the fall, Crossing to the mainland and returning here as soon as the Strait freezes over in the fall. He has made a large cache on the South shore of Victoria Island for his support in case he is becomes short of food on account of a late freeze-up. Caching his goods with the natives' stores, there will probably be little danger of molestation. Jenness took our sled and five dogs of his own, a Ross 250 and ammunition, .22 Automatic and ammunition, ammunition for Stefansson's .44 Camera and films, &c, small packing tent (green jean) for himself and another tent for Stefansson's outfit.

Bernard Harbor. N.W.T.

April 14. (Wed.) Cloudy. light Easterly wind warmer at 8:00 a.m. Thick fog in afternoon. Sa. 8:00 a.m. -1.1° Max. +14.3 Min. -3.°

Have a very bad cold in head today.

Issued Muktoak 3 fathoms white drill: Also 1 broken box .44 Cartridges (45 Cartridges).

April 15 (Thurs.) Cloudy. Hazy. Sun visible for a short time in afternoon, and Mr. Cox got a time observation for which he has been waiting for some time.

Sta. 8:00 a.m. +3.6 Max. +23.8. Min. +3.2

Natives numerous and troublesome about the house, sticking their hands into everything. Every now and then the whole crowd has to be ushered out of the door but they soon come back on some pretext or another.

Snow Bunting - saw first one of season.

April 16 (Friday) Dull hazy day. Very light snow falling. Sta. 8:00 a.m +7.5. Max. +15.5 Min +2.1

Mr. J. P. Cox and Jos. Sullivan (our Cook) started East shortly afternoon on a surveying trip. It had been the original plan to have Mr. Harwood Castel accompany Mr. Cox as assistant, but now the "North Star" is leaking very badly, and Castel is the best man to leave in charge of her, in fact the only competent man to leave. "Cockney" volunteered to leave his pots and pans and accompany Mr. Cox which was satisfactory to Mr. Cox, who only needed a man to help with Camp and dogs.

Just before they left, a native whom we have known as "The Handshaker" came in and said that just before he came here, two of the Koglektogmiut Eskimos (from

Bernard Harbor, N.W.T.

April 16. (Fri.)

Coppermine River, who had recently visited the station, an old man named Kongĕūrĕ and a woman named Anaviyak had stolen everything in Mr. Cox's cache near Point Lockyer (about 50 lbs. of pemmican and 25 lbs. of rice. etc). 3 this H.B. 3 this under wood 3 this

When Mr. Cox and Mr. Jennen started back with us March 30th, we cached all our spare grub from both outfits; for Mr Cox to use when he came back to continue his survey. "The Handshaker" stated that the two thieves had immediately started for the Coppermine River with their plunder. "The Handshaker" asked for a reward for information, but I would not give him anything for his story until it was verified.

Mr. Cox had been counting on this cache, but as it is, he can not put any more on his sled than he has already. He hopes to see the thieves

April 16. (Fri.). later and make them refund. It is going to make work difficult here if caches are not safe, meaning that a man can not depend on more provisions than he can carry on his sled at any one time. Heretofore, there has been only a little petty pilfering around the station and a few little things stolen from Mr. Jenness while at the villages during the winter, most of the stolen articles being recovered later.

Bought sealing spear and accompanying gear, probe and indicator from "Handshaker" (man with bed-ticking parka) for 20 .44 cartridge.

Bought curved knife from native for 15 .44 cartridges.

All the Eskimos went east today, most of them to the sealing grounds between here and Cape Lambert.

Bernard Harbor, N.W.T.

April 17 (Sat.)

Cloudy. Snowflakes flying. 0° at 8:00 a.m. Rather raw East wind.

Four Eskimos came over from the East. They wanted powder principally, but we are rather short of that article.

Bought about 75 lbs. seal meat for 10 .44 cartridges.

Spent most of day working on sledges in lieu

April 18. (Sun.)

Hazy bright. Warm. Light NW wind. +15° at 8:00 a.m.

Got out provisions and weighed them for trip west.

All the Eskimos went East again this morning.

Bernard Harbor, N.W.T.

April 19. (Mon.) Quite clear, with very bright haze on horizon. Light west wind. Snow drifting a little. Calmer in evening.

April 20. (Tues.) Clear. Light westerly wind. +12° at 8:00 a.m. +3° at 5:00 a.m. Repaired typewriter, which took half a day, as it was in rather rickety shape. Wrote report to Department of the Naval Service and to Geological Survey.

Bernard Harbor, N.W.T.

April 21. (Wed.) Clear. Light NNW wind. 7 mi. per hour at 8:00 a.m. +12° at 8:00 a.m. Wind. +2.6 −14° at 12:00 midnight, with light SE wind. Practically calm in afternoon.

We had loaded our sleds up Yesterday for the trip west, taking a larger amount of provisions than usual, for although there is a reasonable expectancy of getting at least seals enroute, Messrs. Chipman and O'Neill are depending upon my bringing them some extra provisions, and the amount they have now will be to some extent dependent upon what they are getting off the country.

There will be two men here, Mr. E. Johansen in charge of the house, meteorological observations, chronometers, etc, and of trading with natives. Mr. Castel is in charge of the "North Star" and the work on her.

April 21. (Wed.) Mr. Johansen was very much put out because it was necessary to send the cook along with Mr. Cox to help on the topographical survey, and still more displeased because he and Castel, being alone here, would have to do their own cooking. Castel avowed his willingness to do his share of it, but no more, holding that the "North Star" would keep him busy, and he was not shipped as a cook anyway. Johansen held that Castel should do all the cooking, that he himself had done enough work outside of his own particular lines, at great sacrifice, and that after May 1st, his scientific pursuits demanded that he should be absolutely free from any other Expedition work for the rest of the summer, - and rather than do anything else he would live by himself and cook for himself. I pointed

Bernard Harbor N.W.T.

April 21. (Wed.) out that all the men on the field parties had to do a greater or less amount of camp routine work, and that while he could live and work by himself alone, he would probably find it advantageous to co-opslate with Castel here.

When Mr. Cox and Sullivan left here, the plan was for them to take up the survey of the coast from Point Lockyer, around Basil Hall Bay, and the west end of Coronation Gulf as far as the mouth of Rae River, to ascend Rae River as far as possible, mapping it, and observing the geological formation of the country, then if practicable to go overland from the Rae River to Stapylton Bay and thence home planning to be back at Bernard Harbor by the first of June.

We are taking west the Davenport sled and 7 dog. - Jack, Bob, Buster, Swash, Tip, Prince and Umingmak.

April 21. (Wed.)

Provisions taken west April 21. 1915.

Flour	70 lbs.
Polished Rice	33 "
Brown Rice	27 "
Pilot Bread	24 "
Ramsay Biscuit	16 "
Underwood Pemmican	48 "
Sugar	30 "
Oatmeal	12 "
Peas	22 "
Dried Fruit	10 "
Raisins	10 "
Potatoes, Rice's	10 "
Lard	20 "
Malted Milk	11 "
Cocoa	2 "
Tea (for table)	1 "
Coffee	2½ "
Soda	1 "
Salt	2½ "
Cooked Bacon	20 "
Doughnuts	11 "
	396 lbs.

Dog Food:

H.B. pemmican 5 tins	80 lbs.
1 poke dried white whale meat	75 "
	155 lbs.
	396 "
Total	551 "

Part of provisions to be taken to Baillie Island for "Alaska", part for Chipman and O'Neill and part for ourselves.

Bernard Harbor. N.W.T.

April 21. (Wed.)

Other Equipment (besides provisions).

Green waterproof Alpine tent with poles (bamboo).	27 lbs.
Lining for same (Egypt. Cott.)	9
Tarpaulin tent floor 7' x 6'	8.
2 Axes	9
Sleeping bag (9*) with cover (R.M.A.)	12
" " " " (Palaiyat)	9.
Warsack (R.M.A.) boots. Etc.	20.
" " Clothing, tools.	19.
Sack of dog-boots, fish nets, line	10
Rifle, Mannlicher, with Case	10
" W.C.A. 30-30 " "	10
Shotgun D.B. 20-ga. " "	7
" S.B. " " " "	6
Ammunition, Rifles	22
" shotgun	14
Warsack, (Palaiyat)	21
" " (skin clothing)	6.
Bearded Seal skin (part*)	8.
Primus stove (in box)	13.
Coal oil can	10.
Wood stove and pipes	11

April 21 (Wed.)

(Continued from preceding page)

Camera	4	lbs.
Thermometer Box	1	
Box of Miscellaneous Equipment	18	
Fire Kindlers, 1 box	2	
Grub Can, Cups, plates, ec.	15	
Cooking pots	10	
Mail box	19	
Total Miscellaneous	328	lbs.
Provisions	551	"
Boxes	35	"
Total weight leaving home	914	"

My intention is now to go on with Palaiyak until we meet Chipman and O'Neill, then send Palaiyak and Okey on to Baillie Island with the mail and to remain and help take the "Alaska" to Herschel Island, while I shall come back with Chipman and O'Neill to help them on the survey, and later look after affairs at the station. As the situation stands, I can not

Bernard Harbor, N.W.T.

April 21. (Wed.). afford to go back to Herschel Island, although there are a good many things to be attended to there, because we are so short-handed in the East, where the really most important work of our party is to be. Mr. Sweeney can look after the "Alaska", bring the mail, and what stores come in this summer.

Palaiyat and I started westward from the station at 2:30 p.m. Reached the East end of Cockburn Point ca. 5:00 p.m.

Arctic Hare - Shot a Arctic Hare on stony beach about midway between east and west ends of Cockburn Point. He was very tame and unconcerned, hopping along about 75 yards away. He had considerable fat on shoulders.

Crossed to outside of pressure ridge here, and travelled more

April 21 (Wed.) slowly, as snow was deeper among isolated hummocks. Capsized sled four or five times and had great difficulty in righting it again. Camped 9:10 p.m., a little west of Cockburn Point, packing wood from the beach close by. Dogs pulled fairly well today. Turned in at 11:00 a.m.

Cockburn Point, Dolphin and Union Strait

April 22. (Thurs.)

Sunshine at 7:00 a.m. Fairly strong SE. wind. −1° at 9:30 a.m. +13° at 4:30 p.m. +14° at 7:00 p.m. On trail 10:00 a.m. Snow drifting and weather hazy. Snow started falling about noon and drifting rather thickly so we could not see far. Ice rough and we capsized frequently. Camped 3:45 p.m. Considerable wood along low stony beaches, some logs of good size.

Sky cleared a little after 8:00 p.m.

Arctic Hare — Peluiyak shot a Arctic Hare which sat quietly in rough ice about 75 yards away while we were uprighting sled. It was not so fat as the Hare shot yesterday.

Raven — one Raven flew very near to us

April 23. (Fri.) Foggy at 7:00 a.m. Calm. +24° at 7:00 a.m. +17° at 5:00 p.m. Foggy all day, but cleared a little about 6:00 p.m. On trail 10:00 a.m. Reached Messrs. Cox and Jennes' cache five miles East of Cape Bexley at 4:00 p.m. and camped. One tin of pemmican (16 lb.) at cache was torn open and emptied — fox tracks around — two tins still intact. We had to follow the land most of the way today and snow was rather soft, travel slow.

Arctic Hare — Saw one on sloping beach. He ran a little way and stopped. Shot and broke a foreleg, and he hid behind an ice cake. When I came up he made off with speed. Killed him with another shot, badly mangling him.

Bearded Seal — saw one on ice about 6:00 p.m.

Sea Urchin — found one Empty Taste on beach near cache. Ca. 1/2 in. diam. no spines.

South Bay - (Cape Bexley - Hope Point)

April 24. (Sat.) Cloudy all day. Light snow falling at 8:00 a.m. Light SE wind. +17° at 9:00 a.m. +20° at 9:00 a.m. +20° at 5:00 p.m. On trail 9:30 a.m. Rounded Cape Bexley at 11:15 a.m. Lunch 12:00 - 12:40 p.m. Reached South side of South Bay, going around the East side of rough ice, about 2:00 p.m. Deep, rather soft drifts around end of Hope Point, among the scattered ice hummocks. Camped in a little bight about middle of point. Beach of large rocks and boulders. More wood as we go farther East along north side of point. Camped at 4:20 p.m. Wind hauled to NW in afternoon. Very slight wind.

Limestone (dolomite-O'Neill) exposed to 10 ft. above sea level about ½ mile East of Hope Point.

Polar Bear - found a large bleached skull on the beach

Ravens - saw four on ~~Stapylton~~ South Bay.

Stapylton Bay – Hope Point

April 25 (Sun.). Cloudy 7:00 a.m. +16° at 7:00 a.m. +32° at 12:00 m. +20° at 5:00 p.m. Fog light NW wind in forenoon. NE in afternoon. Cached at our last night's camp, among boulders, marked by upright cross, ca. 100 yds. back from beach:

(10 lbs. flour. 10 lbs. brown rice.
6 lbs. Pemmican. 25 biscuits (slightly mouldy.)

On trail 10:12 a.m. Rounded south end of point about 11:30 a.m. and struck south across Stapylton Bay. Lunch 12:00 – 12:40.

Bearded Seal – saw three at one hole 10:15 a.m.

Rough Seal – one seen on ice 10:30 a.m. and one about 2:30 p.m. A few fox tracks. Raven flew over.

Changed course a little more to west (about SW) and reached south side of bay: Camped 4:20 p.m. Plenty of small pieces of wood, short logs, etc. on beach. Dull hazy all day. Sun faintly visible for a little in afternoon

Stapylton Bay – Young Point.

April 26. (Monday).

Cloudy at 7:00 a.m. Strong E. wind. + 20° at 8:00 a.m.

On trail 8:40 a.m. Lunch 12–12½ p.m. Passed old cache site east side of Young Point (Camp of Dec. 21st, 1914), marked by upright post and pile of driftwood, at 1:35 p.m.

Ravens seen. A few Fox tracks.

Weather cleared temporarily from 10 to 11 a.m. but clouded up again; hazy bright in afternoon. Kept out across small bay. Strong east wind and snow falling and drifting. Reached high, stony, boulder point (the west tip of Young Point). The weather was pretty thick and we struck coast some distance east of point, where the snow was very deep and there was not a scrap of wood, but we ploughed through the deep snow and found some large sticks near tip of point a few hundred yards farther west (one very large spar). Passed here about noon of Dec 21st).

Young Point, Amundsen Gulf.

April 27. (Tues.) Cached here, on top of high, stony, boulder point, about two miles East of Young Point. Deep snow banks on north side of point all winter. Marked site by large cross beacon on top of bluff among some Eskimo stone caches.

~~Flour 10 lbs.~~ Polished ~~Grain~~ Rice 10 lbs. (20 cups).

Underwood Pemmican 6 lb. tin

H.B. Pemmican 16 lbs

Cloudy 6:00 a.m. Light flaky snow falling. +15° at 7:00 a.m. +20° at 4:00 p.m. +9° at 9:00 p.m. Cloudy, foggy and hazy all day. Sun faintly visible for a short time about 11:00 a.m. On trail 9:00 a.m. across bay. Had to go pretty well inshore as we could not tell from appearances whether ice cakes were large or small until we were in the midst of them. Snow was pretty soft and drifted badly between ice cakes, making work very hard.

Seal. Palunjak stalked a Seal on smooth ice and got pretty close, but the Seal dived just in time.

Young Point, Amundsen Gulf

April 27 (Tues.). Camped 3:00 a.m. on tip of long spit about two miles east of first (most Eastern) mural sea-cliff.

April 28. (Wed.). Quite clear at 7:00 a.m. Calm. +15° at 7:00 a.m. +15° at 3:30 p.m. Light SE wind +15° at 6:00 p.m. +3° at 9:45 p.m. Clear. Full moon rising. Out trail 10:00 a.m.

Seal - Saw a seal basking in sunshine at hole near edge of rough ice. Palaiyak got within fifty yards behind an ice cake and shot it, a large ♀. Stopped from 11:00 a.m. to 12:30 p.m. to cut up seal, leaving the skin and blubber on the ice. Took only the meat as we have more blubber than the dogs can eat. Saw another Seal on ice in afternoon.

Had lunch from 12:30 to 1:00 p.m. and then moved slowly ahead. The

East of Wise Point, Amundsen Gulf

[3A, #1. Most eastern mural cliff (dolomite) E. of Hoppner River 8-½-50-B.S 3:00 p.m. (25)]

April 28- (Wed.) ice was rather rough, not very large cakes but enough to gather deep drifts of soft snow among them. The sled sank in badly, often ploughing through and dragging the cross-bars. For a good part of the way we had to laboriously tramp down a trail ahead of the sled and then both men go back and tug with all our strength to move the sled ahead a few feet or yards at a time. Occasionally the sled would have one runner into a crack or crevice and capsize. Then we would have to unlash the tent, guns, etc. which were tied on separately so as to be easily unshipped to lighten load enough for us to upright the sled. This made progress very slow. Camped at 5:45 p.m. about three miles west of above cliff.

Ravens - four flew over.

Foxes - a few tracks seen.

Wise Point, Amundsen Gulf.

April 29. (Thurs.). Hazy at 6:00 a.m. 0° F. at 6:00 a.m. Fairly strong East wind. Wind very light in afternoon. Clear after 10:00 a.m. +3° at 9:00 a.m. +16° at 2:00 p.m. +14° at 9:30 p.m.

Outtrail 9:00 a.m. Passed the half-way cliffs 11:00 a.m. (cliffs back a little way from coast, in a little bight). Lunch 12:00 – 12:25 p.m.

Photo 31, #2. Mural Sea-cliffs: East (2-5-2) of Wise Point, from N.E. 11-1/50-B.S. 2:p.m. Reached stony point about 1½ miles East of cliffs at 4:30 p.m. and camped near large upright pole set among rocks. Coast bears away to southward here again: this low stony point is probably the tip of Wise Point.

Ravens – saw a pair of Ravens flying about anxiously and alighting in crevices of cliffs as we passed near; apparently remains of old nest or foundation of a new nest near top of cliff.

Rock Ptarmigan – saw one near camp.

Cloudy after 6:00 p.m. Fairly strong E. wind.

Wise Point, Amundsen Gulf.

April 30. (Fri.). Rather heavy snowfall during night. Sky cleared a little after 7:00 a.m. Light NW wind. +21° at 7:00 a.m. +16° at 6:00 p.m. Rather light WNW wind in forenoon, which kept increasing all day, until it was blowing a gale at 5:00 p.m. with snow drifting thickly. Sun not seen all day.

Cached at camp here, stony point about west of mural cliffs of Wise Point, marked by high pole beacon set up among large boulders, with large pile of driftwood sticks laid athwart base of pole, on rocks.

Flour 12 lbs. Brown Rice 6 lbs.
Underwood pemmican 6 lb. tin

On trail 9:25 a.m. Fairly smooth going outside rough shore ice. Kept WNW course across bay. Stopped for lunch 12-12:30 p.m. about opposite small (short) cliffs in bottom of bay. The most easterly of these cliffs has cleft in middle, apparently the exit of

Wise Point – Inman River.

April 30. (Fri.)

a small creek. There appears to be a fairly large river valley west of here, but weather was so thick we could not see very well. Storm kept getting worse and we ran into the low sandy beach and camped at 2:15 p.m. apparently a little west of the mouth of Inman River. Quite a number of large logs, mostly cottonwood, here and there along the beach, making a lot fine but burning up like paper.

This is the tenth day out, and we are not using our staple provisions very fast. Finished the doughnut sack and have about half the cooked beans left. We have used about 3 lbs. of pemmican and have cooked rice once and oatmeal once. We have used seal meat principally for the past three days and have meat the first three days.

Clifton Point. Amundsen Gulf.

May 1. (Sat.) Hazy bright. +18° at 8:00 a.m. A few frost flakes in the air. Calm after 7:00 a.m. +30° at 12:00 m. Light Easterly breeze in afternoon, rather keen. Still again in evening. Bright sunshine all day. +10° at 9:00 p.m. +6° at 10:00 p.m. Sun set at 9:00 p.m. (our time).

Snow Buntings — saw four singing and flying along the sandspit at our camp just before noon — the first I have seen on the trip, although one appeared at Bernard Harbor on April 15th.

Ravens — two flew over.

On trail 12:00 m. Saw a seal on the ice at 2:30 p.m. Paluiyak stalked him pretty close, but shot too high. Rounded point of Clifton Point about 3:00 p.m. (where the cliffs of Nose Point are shut off from view); the lower point of cliff disappeared (low the horizon a little before we reached Clifton Point. Mt. Davy was

Clifton Point, Amundsen Gulf.

May 1. (Sat.) visible at intervals all day today, according as we were near or far from the beach. Camped at 6:45 p.m. on low point a few miles west of Clifton Point. Plenty of driftwood on the beach. Land visible for a long distance ahead, the coast line being fairly straight.

Finished white-fish forte (75 lbs.) and seal meat last night and had to cook dog food tonight (7 cups of brown rice, 7 cups pemmican, small aluminum cups). The brown Jap. rice requires considerable boiling, and cooking it on the small camp stove kept us up until 11:00 p.m. I boil the rice until it is thoroughly soft, then stir in the pemmican, until the grease is dissolved and the dried meat grains soften and swell.

West of Clixton Point, Amundsen Gulf

May 2 (Sun.) Calm 6:00 a.m. +16° at 8:00 a.m.; Clear until 2:00 p.m. +32° at 3:00 p.m. Light Easterly wind in forenoon, which soon hauled to SW, and then to South about 1:00 p.m. Passed Chipman and O'Neill's Cache (2 Upright slender pole with a large log to westward of it) about 10:00 a.m.

On track 9:00 a.m. Lunch 12-12:25 p.m. Passed camp of Dec 14th about 1:30 p.m. Camped at 2:30 p.m. as blizzard was getting pretty thick. Wind kept increasing all the time until it was a blinding gale at 7-8 p.m. One stovepipe was continually jerked loose from the stove and we had much difficulty in cooking dog food.

Ravens - saw two flying over in morning and a single one later.

White Fox - tracks fairly common; mostly fresh tracks going in towards the land.

Tinney Point, Amundsen Gulf.

May 3. (Monday). Slightly cloudy morning. Sun bright at times. +39° at 8:00 a.m. Wind moderate, but gusty, from south. Considerable snow melted, exposing many gravel patches. +42° at 11:00 a.m. Clear. Snow melting all day and much of the land became black and bare today, the first real thawing day of the season. Considerable water on ice and a few pools on the land. +34° at 9:30 p.m.

Spermophile = (Citellus parryi). Saw the first one out, on gravel hill near camp in the morning.

On trail 11:00 a.m. Passed Tinney Point 2:00 p.m. Lunch 2 - 2:30 p.m. A small river, Buchanan River comes out a little west of Tinney Point.

Snowy Owl - Palaiyak saw one.

Ravens - three seen. Old Polar Bear tracks.

Came for a good distance today on level ice, which was impracticable

May 3. (Mon.) in December on account of snow and gravel blown over it.

Passed conglomerate rock cliff about 4:00 p.m. Tried to cut across through some rough ice near here but found snow too deep and soft, and had to go back near shore again. In crossing one snowdrift in a depression near a tide crack sled became stalled in bunched up slush, and we had to wade in over our boot tops to get sled out, then sit down on the snow and wring out boots and stockings. Shortly after this we saw two Seals at one hole and Pakiyak shot one, so we camped at 5:00 p.m. finding plenty of driftwood on low beach all along west of little creek valley west of conglomerate cliff.

Amundsen Gulf

May 4. (Tues.) Clear. Light Easterly wind. +30° at 6:00 a.m. +42° at 9:00 a.m. Ravens croaking around camp. On trail 9:05 a.m. Passed a large stack of wood near low point about a mile and a half east of camp (C.2 O'h.). Cached blubber and skin seal at our camp. Travel good today along snow banks on beach, as snow had melted and settled and frozen a little.

Photo 3A. #3 Shore pressure ridge, [253] 20 miles East of DeWitt Clinton Point (from base) 11 - 1/50 - B.S. 10 31/4 a.

[254] #4 Rough ice outside pressure ridge (from top of ridge).

[255] #5. do. Top of pressure ridge (to NW). Very rough, jumbled ice everywhere outside of pressure ridge all along the coast here. Ridge from fifty to one hundred yards from beach. There was open water here last December.

East of DeWitt Clinton Point.

May 4 (Tues.) Passed another camp site and wood stack, with two empty pemmican tins about 11:00 a.m. Whale's posterior vertebrae on beach a little further on. Lunch 12 - 12:45 p.m.

Rock Ptarmigan - Saw three on beach. Shot two males with rifle. Very warm in afternoon and snow melting fast.

Seals - Saw twelve Seals on ice at one time on smooth ice outside of pressure ridge east of Dewitt Clinton Point. Palaujak killed a young Seal, about half-grown on the ice, knocking it with a stick. It was floundering about, and seemed to be looking for a hole in the ice. It was rather poor, with blubber only about ½ inch thick, making only one meal for the dogs. It showed fight when Palaujak came near, raising its head and trying to bite.

East of DeWitt Clinton Point.

May 4. (Tues.) Wolf - fresh tracks of large one or two.
Rough-legged Hawk (Archibuteo lagopus sancti-johannis) - saw the first one of the season soaring over today.
Ravens - numerous. Saw six sitting together on hill top. One alighted on beach within 75 yards of camp in the evening.
Cloudy after 3:00 p.m. Strong Northwest wind started about 9:00 p.m., blowing down our stovepipe, tearing tent, dragging tent-stays, etc. Gale continued all night. Camped 5:00 p.m. about ½ mile East of Eastern end of cliffs of DeWitt Clinton Point.

May 5. (Wed.) In Camp all day. Hazy bright all day. Sunshine bright at times. Gale from N.W. all day. +40° at 1 p.m. Repaired tent. Light snow falling in evening +38° at 6:00 p.m. +26° at 9:00 p.m.

Amundsen Gulf, N.W.T.

May 6. (Thurs.) Cloudy morning. Considerable snow fell during the night and it was drifting pretty thickly in the morning. Gale from NW continued all night. Occasional lulls in forenoon, alternating with severe squalls and gusts. Sun obscurely visible at intervals +27° at 12:00 M. Wind blew strong from NW all day.

Ravens - Heard Ravens calling

Seals - Palaiyak saw four Seals on ice in morning.

DeWitt Clinton Point, Amundsen Gulf

May 7. (Friday)

Hazy bright. Strong NW wind. Snow drifting. +17° at 9:30 a.m. +17° at 4:00 p.m. +11° at 9:00 p.m. Wind moderated a trifle, but snow still drifting pretty thickly. Started west at 1 p.m. going to outside of the rough pressure ice ridge. A broad, irregular (zigzag and of variable width) lead had opened up just outside of the pressure ridge. We had to follow the crack some distance to find a place narrow enough for crossing. Wind and snow very equally so thick at times that we could not see 100 yards. The dogs kept sniffing to windward and we soon saw fresh tracks of three Polar Bears in rough ice. Got sled stalled up to bottom of basket in a snow-covered slushy depression, and had to wade in and drag it out by hand, getting wet to the knees. Changed boots at once but had only one

May 7. (Fri.) spare pair of socks and my feet soon. Hauled in to the beach, through the rough ice, and going ahead in the blizzard soon found difficulty in telling whether we were on the ice or climbing up the steep hillside. Found a bunch of wood on low point and camped at 3:45 p.m. about one mile west of DeWitt Clinton Point. Several short calm spells in evening.

Polar Bear. During a calm spell about 7:00 p.m. a Bear came up on the ice within 300 yards of camp. "Buster" sighted him first, and he and all the other dogs, "Jack" in the lead chased him. The bear ran straight away from them, but the dogs several times brought her to bay for a short time. The bear kept breaking away as Peary et approached, but he could not shoot for some time without

DeWitt Clinton Point. Amundsen Gulf

May 7. (Friday). danger of hitting the dogs. He finally shot the bear with .30-30 when about a mile out on the ice #361. ♀ Polar Bear. Medium size.

May 8. (Sat.) N.W. gale still blowing at 8:00 a.m. and snow drifting thickly. Sun shining dully. +11° at 8:00 a.m. + 7° at 3:00 p.m. Wind moderated after 5:00 p.m. Palaiyat hitched the dogs to bear and dragged him over the ice to camp in the forenoon. One side of the skin was badly torn by bullets. Wrote some letters today. I have had scarcely a spare hour all winter when it has been convenient or comfortable for writing

DeWitt Clinton Point, Amundsen Gulf.

May 9. (Sunday) +32° at 9:00 a.m. Light NW wind - Cloudy. Wind easterly in afternoon - Cached bear meat and skin under stones, marked with large upright rock, with a cross board nailed on - On trail 10:30 a.m.

Seals — Many seals on ice within fifty yards of beach, at holes along a large tide crack. Several times I walked around little points, surprising them within fifty yards distance - Passed six bears in two hours.

Whalebone - Saw tips of whalebone slabs sticking up from snow on beach line at about opposite the middle of high table land between DeWitt Clinton Point and Dease Thompson Point. Pulled up four slabs about six feet long, but snow and ice frozen too hard for us to ascertain whether a whole head was stranded there. Reached point west of table land 12:40 p.m. Lunch 12:40 to 1:30 p.m.

DeWitt Clinton Point, Amundsen Gulf.

May 9. (Sunday) Passed Chipman and O'Neill's November camp at 2:15 p.m.

Spermophile - saw one on hill.

Light SE wind after 2:00 p.m.

Passed our old camp (of Dec. 11th) at 3:00 p.m. about ½ mile East of mouth of Roscoe River. Saw another big wood stack (tripod) about one mile farther on. Passed first rock point, thin strata, at 4:00 p.m. Saw two Ravens.

Ice fairly smooth near shore along here and we kept going west until about 5:15 p.m. when we met K. J. Chipman, J. J. O'Neill, Hay Bolt, and Patsy Klengenberg going east a little east of Dees Thompson Point. Stopped and camped with them, going back about half a mile where we had seen wood, as there is no more wood until one gets to the bay west of Dees Thompson Point.

Near Deas Thompson Point, Amundsen Gulf.

May 10. (Mon.). Clear. Light East wind. Rather cold. +16° at 9:00 a.m. +8° at 9:30 p.m. Boys went out with sled and Paley Klingenberg killed a young Seal that was looking in vain for a hole. Palaijat wounded an Ugyuk (Bearded Seal) but it got away.

Mr. Chipman had been around to the Southwest corner of Dauley Bay and connected with the Parry Peninsula, then continued the coast survey Eastward to this point.

Mr. O'Neill had examined the Geological formations along the coast west of here and got about twenty-four miles up one of the rivers flowing into the east side of Dauley Bay. They had received many favors from Capt. McArthur of the schooner "Aggi" and from Capt. C. Klingenberg. Capt. Klingenberg's young son Paley (15 yrs. old) had been taken along to stay a year + to help as hunter, interpreter, etc

Near Deas Thompson Point, Amundsen Gulf.

May 11 (Tues.)

Clear. Very light Easterly air stirring. +20° at 9:00 a.m. +30° at 12:00 m. +4° at 10:00 p.m. Very light westerly wind. Cloudy after 8:00 p.m. Finished letters and divided stores. Sent Hey Bolt and Palaiyuk out to Baillie Island with "Davenport" sled and six dogs. They are taking the mail out to Mr. Dan Sweeney, and will remain with the "Alaska", returning on her in the Summer. Paid Hey and Palaiyuk $20.00 apiece on account of wages due.

Started out to Eastward at same time (6:15 p.m.), with Chipman, O'Neill, and Patsy Klingenberg, to work on the survey back to Bernard Harbor.

Stopped for a little while to examine the rocky point ahead, about 30 ft. high, thinly bedded sandy limestone, with Cherty concretions. One Chimney hole 3 or 4 ft. in diameter comes up through ledge of rock from

May 11. (Tues.) the seabeach. This hole had an old driftwood stick laid across the middle.

Reached stony point just west of the conspicuous table-land formation about half-way between Deas Thompson and DeWitt Clinton Points, a little east of Roscoe River at 9:30 p.m. and camped.

Eskimo ruins - Very old grass-grown ruins of six Eskimo wood-and-sod houses on tundra back about fifty yards from the shore; rings of sod embankments with a few fragments of old wood sticking upright from them. Camped about 300 yards east of the point where there is a good bunch of driftwood.

Today we broke the Thermos bottle which we have used almost constantly since February 1st.

Spermophile - Patsy saw two in the morning and shot one. *362. ♀ S. parryi 401-115-56

Snow Bunting - saw one in evening

DeWitt Clinton Point, Amundsen Gulf.

May 12. (Wed.) Cloudy. Strong southerly wind at 6:00 a.m. + 29° at 6:00 a.m. Wind S by W at 9:00 a.m. NW at 10:00 a.m. E. at 2:00 p.m. SW at 3:00 p.m. Cloudy after 11:00 a.m. Light snowflakes falling at times.

On trail 9:10 a.m., Patsy and I with the sled, and Clifman pacing the coast, taking compass bearings from point to point. O'Neill went back to the table land which is a conspicuous landmark for 10-15 miles in either direction, and found it much smaller and nearer the coast than we had supposed it to be. Western of table-land is about half a mile back from the coast, and the east end farther back; diabase rock cliff about 100 ft. above the land which slopes gradually down to the coast. Top of cliff 240 ft. above sea level by aneroid (O'Neill).

Rock Ptarmigan - O'Neill saw a flock of 20-30 near foot of table land.

Took up the Polar Bear meat cache and

DeWitt Clinton Point. Amundsen Gulf

May 12. (Wed.) skiing at 11:00 a.m. Had some difficulty in working around and through rough ice at DeWitt Clinton Point, and reached the little wooded (driftwood) gully in the middle of the cliff at 2:00 p.m. Camped here so that Chipman could get a latitude observation at noon tomorrow. O'Neill examined the cliffs - gray limestone about ft. high, with a diabase dike. He found a good contact of the diabase with the limestone, with the edges of the limestone metamorphosed into colored marble.

Ravens - one pair along the cliffs, apparently nesting.

Seals - numerous on smooth ice outside of the rough pressure ridges near shore. Petty counted thirty-one (31) on the ice at one time, visible from the bear meat cache.

Rough-legged Hawk - saw one soaring over the cliffs.

+29° at 8:00 p.m.

DeWitt Clinton Point, Amundsen Gulf.

May 13. (Thurs.). Cloudy morning. Light east wind. +29° at 9:00 a.m. +29° at 9:00 p.m. Light East wind. Stayed over today for Chipman to get a latitude and azimuth but it was cloudy all day.

Seals - Several seals on the ice. Petsy went out and shot a small seal on the ice near camp and brought it in. He shot another on the ice about a mile ahead and left it on the ice to be picked up when we go ahead.

Spent the day skinning out Polar Bear's head and feet, and cutting the greasy blubber from the skin, a tedious job. Boiled the paws which are very good eating, much like pig's feet.

Rough-legged Hawk - saw one today
Snow Buntings - Heard near camp.
Ravens - saw several.

May 14. (Fri.) Clear, bright day. +32° at 8:00 a.m. +40° at 12:00 M. Calm. Many Seals up on the ice. Snow thawing fast all day today. Chipman got a good azimuth in the forenoon and a latitude at noon. Strong southwest wind blowing all afternoon, increasing towards night.

Started out 1:45 p.m. Took photo 3A. Off start, men running in undershirts. Travelled on the smooth ice outside the pressure ridges, running most of the time 3½ or more miles per hour. Stopped to pick up the seal meat which Patsy had gone ahead to cut up. The ice became rougher and we had to haul in along the beach about seven miles east of DeWitt Clinton Point.

Eskimo caches. Examined about a dozen very old stone caches and three or four stone tent rings, along tundra terrace, about 200 yards back from the

DeWitt Clinton Point to Buchanan River.

May 14 (Fri.) sea-beach, just east of a little creek, about eight miles from DeWitt Clinton Point.

Wolf -- saw fresh wolf tracks along beach

Polar Bear -- old tracks on ice.

White Fox -- a few tracks.

Glaucous Gull -- (Larus hyperboreus) saw the first one of the season, flying East.

Snow Buntings -- saw several along beach.

Snowy Owl -- one sitting on a little hummock on the beach.

Rough-legged Hawk -- one seen.

Ravens -- several seen.

Seals -- on the ice everywhere.

Camped at 7:00 p.m. just west of the conglomerate rock cliffs just west of the mouth of Buchanan River.

Buchanan River to Croker River.

May 15. (Sat.). Sun shining brightly in morning. Partly overcast at 10:30 a.m. +48° (in shade) at 9:00 a.m. Wind SW, stronger than last night, but moderated a little about 10:00 a.m. and shifted to the westward.

Rock Ptarmigan - two flocks flew over camp in the morning. Saw three or four near the beach near Tinney Point and about ten farther on.

O'Neill was geologizing up on the land all morning on west side of Buchanan River, but could find nothing but the conglomerate rock in place - some coarse, and some fine, with mostly quartz pebbles imbedded.

Skinned the Spermophile shot near Rees Thompson Point.

+42° at 1:30 p.m. Sky overcast. Cloudy all afternoon; wind pretty strong all afternoon and getting colder. +29° at 7:00 p.m. Snow melted much today, streams of water running down to the sea-ice in places, and many deep

Buchanan River to Croker River.

May 15- (Sat.)

pools on the land, some of them knee-deep.

Wolf- one was heard howling near camp in the morning. Patsy said it had killed game.

On trail 1:55 p.m., and travelled pretty well. Passed Point Tinney at 3:05 p.m. Camped at our December camp, a little west of mouth of Croker River, at 6:30 p.m. Plenty of wood on the beach all along today, many good long spars. Walked along the beach 4-5 miles. The snow was mostly gone, but I saw no horse ruins today.

Pacific Eider (Somateria V-nigra). Saw two males flying west, the first Ducks of the season.

Snow Buntings- a few seen.

Rough-legged Hawk- two or three seen soaring.

Sea gull (Glaucous?). Chipmunk saw one.

Ravens- common.

The land looks quite black today as much snow has melted

Croker River to Clixton Point, Amundsen Gulf

May 16. (Sun.) Clear at 6:00 a.m. Fairly strong NW wind. +16° at 6:00 a.m. +12° at 6:00 p.m. Cloudy after 7:00 a.m. Clear after 4:00 a.m. On trail 9:55 a.m. Reached the west side of Croker River 10:30 a.m. Ice across mouth of river flooded for about a mile, out to the rough pressure ridge. Water underneath, over old ice, but crust of young ice was just strong enough to bear up sled. The delta of Croker River is a low, gravelly triangle, with base of about five miles at coast, and apex about five miles inland, where the river comes out of the hills. The land back from the coast, from Colwell Clinton Point East appears to be rather rough, apparently high sandy or gravelly hills, with no conspicuous mountain range.

Little Brown Cranes (Grus canadensis). Saw a pair just East of Croker River, flying East, from the land. (the first Cranes of the season)

Croker River to Clixton Point-

May 16. (Sun.)

Rock Ptarmigan = Patsy shot all the birds in one flock, seven males, four females.

Snow Buntings = a few seen.

Rough-legged Hawk - two or three seen.

Ravens = several seen.

Spermophiles = two seen in the morning.

Reached Chipman and O'Neill's Cache about four miles East of Eastern edge of delta of Croker River, at bottom of a little bay at 12:30 p.m. The biscuit box was torn open and biscuits and rice scattered all over the ice (melted and frozen snow). The pemmican tins were unopened. It was probably the work of a Bear or a Wolverine, although no tracks could be seen, as the snow was melted away. As we are getting plenty of Seals right along, decided to leave a cache here, for possible sleds of the Expedition going East or West next winter.

Cached on sandy tundra terrace, about 100 yards back from the beach

May 16. (Sun.) marked by a pyramidal ~~stack~~ Cache of long poles, erected over the box cache, which we covered with driftwood and sand. Also marked by rag tied to highest pole. Cached

½ sack flour (25 lbs) } in biscuit box.
16-lb. tin H.B. pemmican. }
6-lb. can Underwood.

16-lb. can H.B. pemmican } alongside box
10-lb. pail lard } under driftwood.

Sand, small stones and gravel shovelled around cache and wood piled over it.

Passed our old camp about an hour later, and our camp of Dec. 15th, about 4:00 p.m. Camped near Clifton Point 6:00 p.m.; having come about twenty miles today, in about six hours. Travelling very good, over much smooth ice where melted snow had frozen. Cold all day. No thawing. Few Seals on ice today. It is noticeably colder, and there is much more snow on ground immediately after passing mouth of Croker River.

Clixton Point to Inman River.

May 17. (Mon.)

Bright and clear at 6:00 a.m. +12° at 6:00 a.m. Light NW wind +19° at 12 m. Calm. Wind shifted to SE about 3:00 p.m. Chipman got observations for azimuth and latitude at Clifton Point.

Seals - two or three seen on the ice.

Snow Buntings - several seen.

Ravens - seen.

On trail 1:45 p.m. Passed our camp of April 30th about 3:15 p.m. Camped 3:45 p.m. near tip of low sandspit a little west of rock exposures near mouth of Inman River. Quite a bit of driftwood along the beach here, but very little around Clifton Point (on East side).

Barren Ground Bear - A small bear came up along the beach to within 50 yds East of our tent shortly after we had gone to bed (10:30 p.m.). The dogs took after him, and Patsy and I got out our rifles and followed him. I went inland about two

May 17. (Mon.) miles, but lost the trail, as there were large areas of barren ground, and the tracks were hard to follow, on the frozen snow. Met the dogs stringing back singly, as the lead a small brown fellow, had never stopped. Returned to camp at midnight. Clear Calm night. +19° at midnight. New moon.

Caribou: Patsy returned to Camp a little later. He reported having seen three Caribou heading towards Mt. Davy.

May 18. (Tues.) Clear. Light SW wind. +23° at 8:00 am. Considerable refraction this morning and objects on the land were much distorted. Refraction was very bad yesterday afternoon along the bare sandy floats and hills west of Inman River.

Mouth of Inman River, Amundsen Gulf.

May 18. (Tues.) As we are progressing ahead of our expected rate in the survey of the coast, and we seem to have plenty of time to reach the Station before the break-up, decided to explore some distance up the river. Started out at 9:50 a.m. Crossed lagoon and low flat, and struck river at cliffs about half a mile from the coast (¾ mile from mouth of river).

(289) Photo V.P. #1. South bank of Inman River, about ¾ mile from mouth. Dolomite and banded chert cliffs. 4'0" kulls in foreground. 11 – 1/25 – B.S. (Cliffs in background) 10:30 a.m.

(290) V.P. #2. do. Looking up river from same place, showing both banks. 11 – 1/25 – B.S. 10.30 a.m.

Spermophile – saw one running on sandy hills. Many holes & furrows.

Rough-legged Hawks – several seen soaring about. One pair were building a nest on a sheltering ledge of cliffs

May 18. (Tues.) just around the first bend of the river, facing to the south. Noticed several old nests at various points on the cliffs.

(291) V.P. #3. Inman River. Looking from hills to NE of river.
22- $\frac{1}{25}$ - B.S 12:00 M.

(292) V.P. #4 do. to west.

In climbing the hills on east and north side of river we found many fossil shells in gravel 60'-80' above sea-level.

(293) V.P. #5. Mud erosion. Steep ~~North~~ bank of Inman River, near mouth.
11- B.S 1:00 p.m.

(294) V.P. #6. Cirque 2 miles East of mouth of Inman River, near coast.
from south. 22- $\frac{1}{30}$ B.S 2:30 pm

(295) do from west.

(296) #8. do. from bottom, to SE.

V.P. #1. Castellated dolomite cliffs in cirque near coast. E. of mouth of Inman River.
11- B.S. 3:30 pm. (+ porlex)

Mouth of Inman River, Amundsen Gulf.

May 18. (Tues.) Course of Inman River – going upstream, about two (2) miles to South, then about three (3) miles to East (at about a right angle. Mouth of river is broad and gravelly. After getting about a mile inland the course of the river is through a dolomite canyon, slightly winding, in some places spreading out into gravel bars.

At about four miles up the river, the river comes from SSE, out of the higher hills. At this bend, another small, broad, creek valley comes down from very rugged, much eroded clayey mud hills. Just north of this bend, across a little ridge, a short winding creek valley cuts through dolomite beds (in a narrow canyon) to the coast, coming out about two miles East of the mouth of Inman River.

Mt. Davy is visible from the hills near the coast. It is apparently a gravel mound with furrowed sides

Mouth of Inman River, Amundsen Gulf.

May 18- (Tues.)

Mr. Chipman returned to camp by a different route than that followed by O'Neill and myself. We found ruins of three old Eskimo wood-and-sod houses at foot of hills just east of mouth of Inman River, also some large whale bones. I saw pair of Bowhead vertebrae on the beach.

Barren Ground Bear- saw a few old tracks on the snow, and a few Spermophile burrows, excavated last fall or previously. Patsy says that when he first saw the Bear last night it was very close 20-30 yards from the tent. It was very dark, almost black on sides and brown only on the top of the back.

Spermophiles- saw a number today on the bare sandy, gravelly ridges. Burrows numerous.

Ptarmigan- none seen, although I saw a few old tracks near beach.

Mouth of Inman River, Amundsen Gulf

May 18. (Tues.) The country here is very barren. In some places the sandy clay hill-tops had no signs of vegetation for several hundred yards, in other places only occasional patches of sand-growing plants. Some flats or hollows were well-grassed.

Glacial striae. — Deep furrows and striae on top of exposed dolomite on one hill-top; two series of striae, nearly parallel, direction E. 275° (O'Neill).

Much warmer than yesterday, and snow melting a little. Tops of hills near coast mostly bare, and sticky and soft to walk over. The ground inland is mostly snow-covered, looking from the north. A little water flowing over the ice in Inman River, but no water coming out at its mouth yet.

Light SE wind most of the day. +23° at 4.30 p.m.

Seals — Patsy shot a fairly large seal and wounded another one.

May 19. (Wed.) Clear. Cold. Light East wind all day. +23° at 8:00 a.m. On trail 9:30 a.m. across a small bay. Reached our cache marked by a long high pole set up on stony point East of dolomite cliffs at 11:50 a.m. Re-cached the stuff again here, as we have all the grub we need. Cached in highest rock pile on point, and piled wood on top, also a high pole, ca. 15 ft. sticking up from center. Cache contained 12 lbs. flour, 6 lbs. Bovril, 6 lbs. U. pemmican. Saw some old Eskimo stone caches near beach. Quite a bit of driftwood here.

On trail again 2:10 p.m. Camped early about 4:00 p.m., a little beyond the high dolomite cliffs (around Wise Point). The low stony point East of the cliffs is probably the tip of the point. The dolomite cliffs at coast are about 125 ft. high, and the hills just behind them are 240 ft. high by aneroid (O'Neill).

Wolf tracks, recent, near point.

Wise Point, Amundsen Gulf.

May 19. (Wed.)

Barren Ground Bear - saw recent tracks on the ice near point. O'Neill saw tracks of one large and one small Bear on top of bluffs.

Seals - a few seen on the ice today

Caribou - As we were making camp, O'Neill saw four from the top of the bluff, and signalled to me. They were feeding on a rolling grassy stretch of country about a mile East of camp, and about half a mile from the coast, behind the low coastal ridges of gravel. They were nearly white, and two had horns. Stalked them within about 500 yards, when they took alarm, and made off over the hills to southward

Ravens - saw a pair around cliffs; very uneasy when we were near.

Rough-legged Hawk - a pair were nesting on side of cliff, a little East of point, about ¼ mile inland.

Snow Buntings - a few seen

Wise Point, Amundsen Gulf.

May 20. (Thurs.). Clear. Fairly strong south wind in morning, 6:40 a.m. +23° at 8:00 a.m. and wind less strong. Light SE wind all afternoon and evening. +21° at 7:00 p.m. Our trail 10:08 a.m. Reached gravel point about three miles ~~east~~ west of the eastern cliffs of Wise Point at 1:40 p.m. (our camp of April 28th), and had lunch here. Started up again and passed the cliffs at 4:15 p.m. the going being much better than before, the tops of snowbanks having melted and frozen again.

Barren Ground Bear — Just after rounding the cliff point I climbed up on a high ice cake to look ahead and saw a tiny black spot on the ice, near where Palaiyat had left a seal skin on the ice about ¾ miles off shore and blubber on the way west. After a while I saw it move and decided it was a Bear. As we came nearer we could see it was a large Bear feeding on the seal skin and blubber

Wise Point, Amundsen Gulf.

May 20. (Thurs.).

lying on the ice. He would occasionally walk about for a few yards. As we came near, O'Neill went over along the beach to head the Bear off if he should run in that direction. We were about 600 yards away when the bear sighted us. At first he walked slowly with a rolling gait. The hump on top of shoulders was very prominent. This bear was very dark on sides, with the back slightly brownish; general appearance very dark. He soon seemed to take notice of the dogs, which had sighted the bear and were tugging madly at their traces. The Bear then started straight for the beach at right angles to our course, at a gallop, or short jumps, occasionally stopping for a moment to look at us. We tried to head him off as he made straight for the high hills. He passed too far ahead of O'Neill for a shot. After reaching the land the Bear

May 20. (Thurs.) went slower, at a lumbering trot, with frequent pauses. I fired at him at an estimated 300 yards, and O'Neill and Patsy at another angle at less range, but failed to inflict serious injury. O'Neill wounded one of his front feet, so that there was some blood on the trail. He went up over the steep rocky hills to the SW. Patsy followed for some distance, and said he saw the Bear a long way off, and still running.

Arctic Hare - Chipman saw one on the bluff, still white.

Wolf - numbers of tracks seen, and Chipman heard one howling inland.

Caribou - fresh tracks of three going north on the ice.

Seals - numbers on the ice today often two or three at one hole. Patsy shot a large male about noon at a hole in a large frozen lead-crack. He skinned it and cut up the meat for dog-food, leaving the blubber

Wise Point, Amundsen Gulf.

May 20. (Thurs.)

Spermophile - saw one in the afternoon about ½ mile from land. When he saw us he ran towards land without stopping.

Duck Hawk - saw a pair in the morning, screaming overhead.

Little Brown Crane - Patsy heard Cranes calling last night.

Snow Buntings - a few seen today

Barren Ground Bear - tracks on ice and fresh tracks on bluff. Patsy saw tracks of one more small Bear on the hills while he was chasing the large Bear.

The dogs started to fight after we had left sled to chase the Bear. They ran the sled up on the gravel bank and stopped there while I ran up over the low ridge to get a shot at the Bear. The dogs got badly tangled up in the harness before we got back and "Tip" (the best dog) was badly hurt, one hind leg torn and a small

May 20. (Thurs.) hole torn in the abdomen from which a loop of intestines protruded. We camped at once. I washed out Tip's wounds and sewed him up. He was able to walk pretty well and lay down some distance from the other dogs. He never made a move or whimper when I washed him with permanganate of potassium and put in the stitches. "Buster" seemed to be the dog that had done the damage, as he was bloody around the head, and he has a habit of trying to disembowel other dogs when he can attack them safely from the rear in a melee.

From D. Jenness, Dec. 1915.

Lapland Longspur — first seen May 20th on Victoria Island "qopenoaktarjuk" (Eskimo name). [D. Jenness]

Snow Bunting — first seen May 11th, on Victoria Island. "amauligoq." (Eskimo name). [D. Jenness]

Young Point, Amundsen Gulf.

May 21. (Fri.). Clear. Strong South wind at 8:00 a.m. +28° at 8:00 a.m. Light south wind most of the day, shifting to SE in evening.

Hoyt's Horned Larks. (Otocoris alpestris hoyti). Three alighted on gravel bar near tent and began feeding on the sparse moss patches. Shot two males #363 ♂. #364 ♂ O. alpestris hoyti.

"Tip" was barely able to breathe in the morning, and was evidently expiring when we were ready to start out, so we shot him. I had intended to haul him on the sled if there seemed to be any chance of his living, but this morning it seemed useless. We all felt pretty badly to lose him, as he was the favorite among all the dogs of the Expedition.

On trail 11:40 a.m. and made the two miles to Low point camp where Chipman unshipped his transit and got a meridian altitude just in time

Young Point, Amundsen Gulf.

May 21 (Fri.). Rough-legged Hawk - saw one.

Chipman saw one Snowy Owl while pacing the beach.

Snow Buntings - saw two or three.

Seals - many on ice. Passed within one hundred yards of one on the ice which looked up at us as we passed by with sled, but did not go down.

Caribou - fresh tracks on ice. Saw three on land west of Young Point Cache; on low rolling land about a mile back from the beach.

Reached cache at high point at 3.30 p.m., and left cache intact: 10 lb. polished rice (20 cups), 6 lb. tin Underwood pemmican, 16 lb. tin H.B. pemmican.

Stopped for a while at Cache point and made tea, as we saw a sled on the other side of the bay and a man walking around the bay. When he came near we saw that it was Mr. Cox. His assistant Jas. Sullivan had remained with the team on other side of bay.

Young Point, Amundsen Gulf.

May 21. (Fri.) Mr. J. R. Cox, with Sullivan as cook and assistant, had surveyed the west coast of Coronation Gulf as far as the mouth of Rae River, surveyed up Rae River about seventy (70) miles to where it is formed by the junction of two creeks, then made a six-day portage across country to Dolphin Bay, and surveyed the coast from Hope Point west to this place. They had made a successful trip and a fairly comfortable one. Caribou were seen in small numbers and shot when needed, and seal killed after reaching the coast. Cox found that the flexible runners of the "N.Y." sled made it pull very hard over rough land and ice.

We camped together about 6:00 p.m. near the middle of Young Point. Mr. Cox had cached part of a seal here.

Mr. Cox reported that he had met Mr. George H. Wilkins, James R. Crawford and Billy Natkusiak

May 21. (Fri.) two days ago near Hope Point. They had come from from the winter quarters of the northern party, near Cape Kellett, Banks Island, struck the mainland at Cape Bexley, and have now gone on to the station at Bernard Harbor.

Mr. Wilkins told Mr. Cox that he had brought orders from Mr. V. Stefansson to take the "North Star" to Herschel Island, and thence to Banks Island for the Northern Party to reinforce the Mary Sachs. Also a few other things were wanted: the remaining good sled or sleds which we have remaining, a few of the best dogs whose names he happened to remember, and some other things. Apparently the Southern Party is expected to sit marooned for the summer on the beach, with the scientific stuff idle, and no means of getting out if the "Alaska" comes to some

Young Point, Amundsen Gulf.

May 21. (Fri.)

mishap this summer. Mr. Stefansson had had the "Mary Sachs" hauled up on the beach near Cape Kellett, and intends to leave her there until his final return two or three years later, thinking it would be more convenient to have our vessel sent up to do the advance exploratory work.

May 22. (Sat.). Clear all day, bright and warm. +27° at 7:00 a.m. +48° at 12:00 m. +22° at midnight. Snow soft and melting on surface all day, but it quickly turned cold about 7:00 p.m. (below freezing), although the sun was high and weather conditions apparently constant. Very light NE air in afternoon.

Hoyt's Horned Larks - several flying and singing over camp in morning.

Snow Bunting - several seen.

White-fronted Geese - flock of seven flew over, going north over the ice, the first of the season.

Pacific Eider - a small flock of males seen going east from Young Point to Hope Point over the ice - several flocks, with from 50 to 150 in each flock, seen from 2:00 to 4:00 p.m. Some were apparently King Eiders, but they were too far away to tell positively. The dogs would see the black string of Ducks

May 22. (Sat.). flying so low that they had to rise to go over ice pressure ridges, and race madly for 200 to 400 yards.

Ravens - several seen.

Rough-legged Hawk - two or three flying

Remained over until afternoon so that Chipman and Cox could get an azimuth to tie their surveys together.

On trail 1:50 p.m. heading pretty straight across bay for high hill just inside of Point Hope. It was barely visible at start, and appeared isolated from the rest of the land to southward, but the intervening land soon showed up. Stopped for half an hour about 5:00 to 5:30 p.m. and reached our old camp site of Dec 22nd at Hope Point (near old davit). Found Mr. Cox's note of May 17th, with one can of pemmican and half a seal.

Snow crusty in morning, and icicles forming in my beard.

May 22. (Sat.) Seal - Numerous Seal seen on ice all day. One Bearded Seal near camp in morning, but we did not need more meat.

May 23. (Sun.) Slight hazy fog at 6:00 a.m. +18° at 6:30 a.m. Calm. Foggy all day.

Seals - a few seen on ice.

Ravens - two or three flew over in the morning.

Orange-crowned Warbler (Helminthophila celata) ♂ #365. One flew into our camp on the gravel spit about 8:30 a.m., and Patsy knocked it down with a stone. Crown only yellowish red; immature specimen. L.S. W. $2\frac{3}{8}$. T. $\frac{17}{8}$.

Chipman and Capt got an azimuth in the morning. Decided that our sled should go ahead

Hope Point to Cape Bexley. Amundsen Gulf.

May 23. (Sun.)

to the station (Chipman, O'Neill, ~~Patey~~ and I) while Mr. Cox, with Sullivan and Patey, should complete the survey from here East to the station after getting a latitude here (Hope Point) at noon.

Our trail 10:50 a.m., following the south shore of South Bay about three miles. Some low Exposures of dolomite (?) about three miles from point. Struck Mr. Wilkins' track near here (both ways). He had struck the mainland near Cape Bexley and gone west to Hope Point before meeting Mr. Cox.

Reached Cape Bexley 2:00 p.m. and stopped for lunch about half a mile East of the point, there being little wood at the point. On trail again 3:40 p.m. Passed Cox's cache 5 miles East of Cape Bexley and took up the two cans of pemmican. Camped 6:00 p.m. about ten miles east of Cape Bexley (our camp site of Dec. 23rd. 1914).

May 23 (Sun.) Eider Ducks – a flock of 7 or 8 flew East.

Caribou – many fresh Caribou tracks very visible, going north on the ice.

+28° at 9:00 p.m. Light northwesterly wind, with a few misty snow-flakes flying.

May 24. (Mon.) Hazy and foggy at 7:00 a.m. Sun shining faintly through fog.

+25° at 7:00 a.m.

Glaucous Gull – Heard gull calling, and saw one more later.

Lapland Longspur – saw several, all those that I could recognize being males.

On trail 8:45 a.m. along coast. Found cache of Caribou meat (skin sewed up with thong, filled with hams and lumbar meat, on beach

May 24. (Mon.)

near Wilkins' track, and took a little for lunch. Found later that Billy Natkusiak had left their sled, shot three Caribou, and packed this meat to the coast. Thinking that the sled had gone ahead, he had left the meat on the beach. Lunch 11:45 to 1:10. On trail 1:40 p.m. Reached west end of Cockburn Point 3:30 p.m. Stopped near middle of little bay from 4:10 to 5:30 p.m. and reached station about 8:00 p.m. Saw one Seal on ice just outside of station and shot at 265 paces but missed.

Found Johansen, Castel and Crawford at house. Wilkins and Billy had gone east to photograph Eskimos, taking his cinematograph outfit along. Johansen and Crawford started to walk over to the village where several native families are camped two or three

May 24 (Mon.). miles East of here shortly before midnight to see if Wilkins was still there. They returned from the camp with word that Wilkins and Billy had gone East with Uluksoak to the village around Cape Krusenstern to photograph, planning two days for trip over there, one day there, and two days to return, expecting to be back at the station in five days.

Caribou fresh tracks everywhere on the ice today going north today. Several Caribou were seen near the house.

The natives have been killing a good many Caribou during the past month and Mr. Johansen has acquired from 25 to 30 carcasses, most of them being from our hunter Uluksoak, but some hams, shoulders, and other pieces were purchased from other Eskimos.

Bernard Harbor, N.W.T.

May 25. (Tues) (Hort.).

Clear. light East wind +34° at 8:00 a.m.

Eskimos came over from the village about two miles East of here, in large numbers, bringing all sorts of things which they wanted to trade. Everybody wants Cartridges and rifles.

Mr. J.P. Cox, "Cockney" and Patsy came home in the evening - "Cockney" and Patsy about 6:00 p.m. with sled, and Cox about 9:00 p.m., Mr. Cox having completed the Coast survey East from Hope Point since we left him. He found South Bay much deeper than he had expected and he walked 18 miles around it.

Staplyton Bay, on the other hand, was not so deep as the Charts would lead one to suppose.

Caribou - Mr. Cox saw six Caribou today about a mile west of Cockburn Point on land near

May 25 (~~Mon.~~ Tues.) the coast. "Cockney" saw six on the ice about three miles west of here.

Seals – many common Seals and Bearded Seals seen.

May 26. (~~Tues.~~ Wed.) Hazy and cloudy all day. Warm. Misty in evening. +34° at 9:00 a.m. Max. +52.6 +33° at 6:00 p.m. Light east wind.

White-fronted Geese – A flock of seven White-fronted Geese alighted on the beach on south side of inlet south of house. Five more flew over, going East at about the same time, 1:00 p.m.

Snow Buntings – two or three seen.

Lapland Longspurs – several flew over.

Spermophile – one near house.

Bernard Harbor, N.W.T.

May 26. (Wed.)

Castel and Crawford hauled a load of wood from Cockburn Point. Chipman, Cox and O'Neill took snow away from sides of store shed and dug a trench to drain off water which soon formed in the trench.

Johansen and Patoy are getting ready for a trip to a lake about 5-6 miles inland, where Mr. Johansen thinks it will be profitable to work during the spring and summer. His plan as outlined to me, and approved, is to haul out a small shelter tent and a quantity of provisions before the snow goes away, so that he can walk out there and back at intervals during the spring and summer.

I dug out the green waterproof tent today, to get at my collecting equipment and specimens

May 26. (Wed.)

which were stored in it. The tent was half buried in snow-drifts. Snow melted fast today, more than any other previous day. About one foot of slushy snow on top, then two inches of ice, below which there was soft, dry snow.

Mr. Johansen gave some illuminating information from Mr. Wilkins regarding Mr. Stefansson's plans and views. Said that Stefansson considered that his own plans were so important that he placed them ahead of government orders; that he considered that he was not under much obligation to the Government anyway, as the C.A.E. was his own private affair which he felt he had a right to manage as he pleased.

Crawford has been throwing out hints right and left as to the "big money" to be made by any one

Bernard Harbor, N.W.T.

May 26. (Wed.)

who will go north for Stefansson's ice work. He says that Storkerson and Ole Andreason are in it for the money and nothing else. They refused to go farther on the ice last summer (shortly after leaving the Separation Camp), unless Stefansson would pay each of them $25.00 per day until land was reached — over 100 days. They were also allowed to have all the foxes they could trap during the year. The other men also spent much time trapping during the winter and had caught about a thousand foxes. Ole Andreason's pay for the year, including wages and skins was expected to net him between five and six thousand dollars. Crawford had caught about 130 foxes. For this trip, the men have been promised $25.00 per day on the ice with an additional bonus for

May 26. (Wed.) each additional mile made north and west, and still more if they reach 78° North Latitude and 114° west Longitude.

V. Stefansson, Storker Storkerson Ole Andreason, and Charles Thompson have gone north again, to start on the ice from Cape Alfred, at the north end of Banks Island. The latter part of the winter had been spent freighting supplies by sled from Cape Kellett to Cape Alfred. The plan as announced when Mr. Wilkins left them was for Storkerson and Thompson to return after going some distance on the ice while Stefansson and Andreason might go on to Prince Patrick Island, perhaps complete the "survey" of the NE coast of Victoria Island, and probably return this summer. (in case the latter plan was followed, overland from the east to the west coast of Victoria Island).

Bernard Harbor, N.W.T.

May 26. (Wed.). Lt. Wilkins, J.R. Crawford and Billy Natkusiak, left the Northern station at Cape Kellett on April and crossed overland, across a rather high range of gravelly mountains in the interior of Banks Island to some place near Cape Cardwell. They then crossed Prince of Wales Strait to Minto Inlet where they found a few natives. They crossed Prince Albert Sound from the high promontory at NW part (Cape Wollaston) to the south side of the Sound. Snowdrifts East and west, very high and deep on Prince Albert Sound. They thought Wollaston Peninsula looked too barren and forbidding for them to cross, and they followed the coast around, East as far as Cape Hamond. From then they crossed Dolphin and Union Strait to Cape Bexley, and Mt. Cox near Hope Point, where they turned East and reached Bernard Harbor May 2 - after

Bernard Harbor, N.W.T.

May 27. (Thurs.) Clear. Colder. Strong westerly wind. Cloudy in afternoon. Thawing all day, but freezing in evening. Worked all forenoon breaking out packing boxes from wall of store & shed to build up four columns of boxes to support four horizontal spars (North Star's booms) and several oars lashed across top for a meat-drying rack. Several natives came over — Akeeiday (the recent cripple), Attigi, one old woman, and four boys. Had them cut up all the caribou meat that was thawed and hang it up for drying. Paid them in cartridges (about 1 box 30-30's and ½ box 44's altogether. They work with much delay and fooling around, and would trot around to show me, nearly every little piece they cut off, to show how good a job they were doing, with much exclaiming of "Kuana!" "Nagoyuk."

Bernard Harbor, N.W.T.

May 28. (Fri.). Cloudy all day. Chilly but thawing some. Light westerly wind. Repaired some clothes in forenoon (most of my summer gear is at Baillie Island). In the afternoon several Eskimos came over from women—Kaiorunna (Attiji's wife), Ahungok "Checken" (Kirkpat wife), Nironella B.S. (Akeatey's wife) one old woman Iggnag, Kalitunok, "the Boss", also several children. Bought two large cakes of Ugyuk (Bearded Seal) line for 20 .44 Cartridges each. Kaiorunna took home a pair of boots to patch.

Glaucous-winged Gull—one flying around house and schooner in evening, just out of range.

Spermophile—One snared by Ahungok, on hill near house, and bought for three .44 cartridges.

372. ♂ Citellus parryi. 8-4-95—13 2-65.

Bernard Harbor, N.W.T.

May 29. (Sat.). Cloudy. Light easterly wind. Thawing a little.

Eskimo boys brought over some Plumed Lapland Longspurs - "Ku'pi'narok" - two males, too much torn for skinning.

Spermophiles - Bought three from boys for three cartridges each. Had the boys skin them after I had measured them - "Hiks-hik."

367 ♂ Citellus parryi 455-88-67 (tail)
368. ♀ " " 428-131-54
369. ♀ " " 428-35-63 (tail)

White Fox - Skinned one today which was shot by Palaiyak at Station Sept. 23, 1915. Blueish fur on back.

366. ♀ Vulpes lagopus innuitus.

Caribou - Ulluksoak's elder wife, Kuk'tiak, shot two Caribou a little east of here today is yesterday.

Bought a small rectangular piece of braided willow bark work (a child's toy) for one block of matches.

Bernard Harbor. N.W.T

May 30. (Sun.). Cloudy a.m. Hazy bright. Colder. Strong East wind. 25 miles per hour at 8:00 a.m.

Many natives came over in the afternoon. Kiŋŋalik (Mrs. U.) brought over two Caribou heads and got 1 bx .30-30 Cartridges on account. U's mother-in-law sold one Caribou head for an old fork.

Snowing in evening and drifting thickly with East wind 25 miles per hour.

The natives were very persistent today. Attigi had a broken Marlin rifle which he wants to trade for a new one. Several others brought Squirrel (Spermophile) skins, mostly mutilated and valueless as specimens, I suppose because I bought some yesterday.

Igliŋŋirk, the fat middle-aged man, wanted a good many things, principally as pay because he

Bernard Harbor, N.W.T.

May 30. (Sun.) was one of the first people who saw V. Stefansson and Natkusiak several years ago near Cape Bexley (in 1910). He finally got hold of a pair of scissors which he refused to give up, and I had to take them away from him forcibly, "by a twist of the wrist."

Spermophiles - Bought two from Eskimos, already skinned with skulls.

370. ♀ Citellus parryi. (From Eskimo. Not measured

371. ♀ " " "

372. ♂ " " 495-132-65.

Caught May 26, 1915.

Bernard Harbor, N.W.T.

May 31. (Mon.). Cloudy all day. Wind shifting to NE in forenoon, and more northerly in afternoon. Sky cleared in evening. No natives came over today. Put up some skins and overhauled gear.

Snow Buntings - two or three about the house.

Rock Ptarmigan - Patsy shot three.

Mr. J. H. Wilkins and Billy Natkusiak arrived about 7:00 a.m. They had been to the islands north east of the mouth of the Coppermine River, visited a village of 50 or 60 people, Exposed about two thousand feet of Cinematograph film and some 100 3A- films.

Mr. Wilkins brought me an "open letter" from V. Stefansson which had been read by Mr. Johansen and others, and the substance already reported to me. The letter was very arbitrary in tone, and

May 31. (Mon.)

quite characteristic of the writer
Substance as follows:
"At sea, Lat. 74° 20' N. Long 124° W.
(appr.). April 6, 1915.
"Dr R. M. Anderson,
Second in Command of the Canadian
"Arctic Expedition.
Dear Sir: It will not be possible
for us to continue north of the
parallel of 78° the Exploration of the
Beaufort Sea which it is likely we
shall complete to that latitude this
spring, without a base on Prince
Patrick Island. It had never been my
intention to try to Establish such a
base with the Seeker and it is now
uncertain if we can launch her safely,
and unlikely that we shall have much
fuel oil after next winter. The "North Star"
was purchased for the specific purpose
of making this base and we cannot
now hope to make it without her.
I have therefor detailed Mr. J. H. Wilkins

Bernard Harbor, N.W.T.

May 31. (Mon.)

to get the "North Star" and to bring her to us in Banks Island. You will accordingly please transfer her to him on the presentation of this authorization and do what you can to facilitate his bringing her to us. There are also certain things we need and with which you are hereby directed to furnish him, as follows: (1) The heavier of the two sleds we brought to Collinson Point when we came ashore from the Karluk. (You may keep in exchange the lighter sled Mr. Wolkum will take away from here, and if you could send for them you could have one or more other light sleds that are of practically no value to us, tho suited to the levelness of Coronation Gulf, or to land travel. (2) 500 meters sounding wire. I consider that the deep sea soundings we are making are of more scientific importance

Bernard Harbor, N.W.T.

May 31. (1907.)

than any soundings which your party can make in your territory and for which they might conceivably needsled work, so even should the above quantity of work leave Mr. Johansen short, that will not be a reason for not sending me the above amount, provided you have it. We had only 1386 metres of work last year and could never get bottom except near land. This year we have about 1000 metres only left. (3.) ~~We~~ Any scientific equipment that we can spare — we have no Chronometer except an "advertizing" one, for instance (4) The dogs Denby and Tuktusak, for which we have special needs.

Mr. Castell, who was originally engaged for the "North Star," should continue with her.

(See note below) I suppose that your sending me no reports or written Communication of any sort last year was due

Bernard Harbor, N.W.T.

May 31. (Mon.)

"to the supposition that we were dead, or had drifted west, both of which opinions I am told were held last summer at Herschel Island. I should like this summer to receive from you a brief summary report that will indicate salient things, including something as to the scientific work of the various members.

"The launch "Edna" is here in good condition. I gave definite instructions that she should be taken to Coronation Gulf last year, and I never thought a launch would be of value in Banks Island for as commensurate with the bother of bringing her. If it is possible for you to send someone to get her (by the Star) he should if the season allowed convey her if desired across Prince of Wales Strait or to Parry or Baillarge for I consider it important that the topographers have her - other-

Bernard Harbor, N.W.T.

May 31. (1071.) "wise she is a mere white Elephant. I hope you are having good success in your work and that the party have been comfortable and in good health. V. Stefansson Commander, Canadian Arctic Expedition

"I have given Mr. Wilkins a power of attorney to represent me in every way, for he knows our plans and needs and I have confidence in his judgment and good will. He will receive my mail to bring it here, but I have asked him to open any letters there may be for me from the Department of the Naval Service and to furnish You with a copy of these. V.S

"xxxx" to Dr Anderson. (when Mr Stefansson gave me this letter to read I pointed out that there were several opinions held at Herschel Island but that I had never heard you express an opinion. I also told him

Bernard Harbor, N.W.T.

May 31. (Mon.)

how busy you were at Herschel Island and that you asked me to tell him so and I expected that he understood that was the reason you did not send a written report.)

"J. E. H. Wilkins"

Mr. Wilkins stated that he had had the "Mary Sachs" hauled up on the beach for safety on account of the ice coming in near shore shortly after their arrival south of Cape Kellett. He said that they had progressed fairly well under sail and with one propeller, and that the vessel had not leaked so badly as expected after the bumping received near Cape Bathurst. The schooner had been hauled up upon the most favorable beach, as there were no good harbors. Soon after their arrival Wilkins had gone out on the land to hunt for caribou as

May 31 (Mon.) well as to look for Stefansson's party. Some of the people had met Stefansson, Storkerson and Ole Andreason a few miles from the ship, packing south with six dogs. They had been pretty short of grub at times, but had always managed to get game in time & they had not actually suffered from lack of food. They had effected a landing on or near Norway Island in June, after more or less drifting back and forth off the west coast of Banks Island. The men were in good condition, Wilkins - sore, and Storkerson and Andreason were clean shaven and shorn. Wilkins missed their arrival in camp, but staged the return next day for the cinematograph. The early fall and part of the winter was principally spent in Caribou-hunting by most of the

Bernard Harbor, N. W. T.

May 31. (1911).

party, and a good number of caribou were killed at hunting camps about forty miles inland. Later in the winter several sleds had been busy freighting supplies north along the coast to Cape Wrottesley and Cape Alfred, northern Banks Island, in preparation for Mr. Stefansson's projected 1913 ice trip. Beikie had been north with the freighting parties but had come back in order to come down here.

Mr. Crawford, engineer of the "Mary Sachs" had become dissatisfied and wanted to go out, and as they now had Ole Andreason as engineer for the "Sachs" as well as Beikie, Mr. Stefansson had let him go on condition of his helping to run the "Star" as far as Herschel Island.

Bernard Harbor, N.W.T.

June 1. (Tues.) Hazy bright. Still cold. Fairly strong north wind. +24.3 at 8:00 a.m. Wind moderated a little in afternoon, and about calm in evening.

A good many Eskimos came over; Ulukrook among them. Issued Ulukrook 25 .30-30 Cartridges.

Spent part of day doing some writing in the small tent, as the house was too much crowded to do much work.

Bernard Harbor, N.W.T.

June 2 (Wed.)

Hazy bright. Warmer. Snow thawing. Castel and Billy went for wood with two sleds.

Mr. Johansen and Patsy started for the big fishing lake with sled intending to bring the dogs back tomorrow.

Mr. Wilkins informed me that his instructions from Mr. Stefansson gave him full power to act as his agent, and that he had a full power-of-attorney from Mr. Stefansson to act as he saw fit, and that it was his intention to take the "Karluk Star" provide he could muster a sufficient force, or a working majority able to take her and sail her away, without regard to any other instructions than those he has received from Mr. Stefansson. He said that he had discussed with Mr. Stefansson the possibility that I or other members of the Southern

June 2. (Wed.) Party might not agree with his instructions and the conditions arising therefrom on the ground of their being contrary to the instructions sent out to the Expedition last summer (the latter orders received) and the original orders. In reply to that Mr. Stefansson stated that he was prepared to stand the consequences of disregarding any orders from the Government which interfered with his plans, that he did not consider himself under very much obligation to the Government anyway, as the Expedition as a whole was his own affair, organized and controlled by himself alone. He had cited the instance of himself and Mr Storey in the Arctic longer than authorized on our previous Expedition, contrary to instructions from the American Museum of Natural History. I do not consider

Bernard Harbor. N.W.T.

June 2 (Wed). that a parallel case however, as we were not under salary from the American Museum, which had merely granted us a certain sum of money to carry on work, and gave us the option of remaining as much longer as we liked at our own expense.

Mr. Wilkins admitted that the instructions which he brought down were unjust in many ways, and that Mr. Stefansson was treating the Southern Party unfairly under the circumstances we are placed in. He said the ethics and justice of the case had nothing to do with the matter, but that in his opinion Mr. Stefansson has the right to do as he pleased with the expedition and it was the duty of every man in the party to follow his orders, regardless of any other consideration.

June 2. (Wed.) Stefansson and Wilkins had evidently agreed upon a striking coup, without much regard as to how the Southern Party would fare. I questioned Mr. Wilkins' authority to attempt to break up the work of the Southern Party or to take charge, reorganize and direct it under his new plans, on the ground that Mr. Stefansson has no authority to delegate more power to another than he has himself. Penned a letter to Mr Stefansson which I had written yesterday, as Mr. Wilkins said he would base his "direct action" on my reply to Stefansson's message, as he was authorized to read and act upon all of Mr. Stefansson's official correspondence as he saw fit. It seems to have come down to a question whether Mr. Stefansson and a privately employed moving picture man

Bernard Harbour, N.W.T.

June 2 (Wed.),

working primarily for him and under his own special orders, can issue illegal, unjust and arbitrary orders, deliberately overruling direct and specific government orders and instructions issued to himself, - as well as to the men of the Southern Party who are directly employed in the Government service.

Stated in brief that I was unable to see my way clear to comply with Mr. Stefansson's demands in a number of matters, for various reasons to wit.

(1) The "North Star" is the only vessel which the Southern Party has available for work this summer, the "Alaska" having been obliged to winter at Baillee Island, and being now unavailable for our uses until next fall, when she is expected to return with mail and supplies if it is possible for her to get to Herschel Island and return here. This of course will make the "Alaska"

June 2 (Wed.) by no possible chance available for work in this region before my late in the summer or fall, too late for any practical consideration.

(2) If the "North Star" were to be sent to Banks Island this summer under such circumstances it would mean that practically the entire Southern Party would be able to move far enough from this base to do any work of sufficient importance to justify their remaining in the country. No doubt they would be able to exist and do a certain amount of the same grade of nomadic exploration and superficial geography which the Northern Party appears to be doing, but the officers who were detailed for topographic and geological work in the Southern Field received definite instructions from the Government that work of that type is precisely what is not wanted in

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June 2. (Wed.)

this particular field. Without a vessel, the work accomplished by most of the members of the scientific staff, and in particular, the geological and topographical members of the party would practically amount to nothing. As these men have spent the better portions of two summers in getting into this country, and the following summer will necessarily be broken into by preparation for departure, the present summer is the only time during which it appears that we shall be able to accomplish certain work which the Government has instructed us to carry out if possible, and I consider it my first duty to see that the men of the Southern Party, for whom I am directly responsible, are not handicapped by lack of necessary equipment and supplies for carrying on their work.

(3) I consider it outside of the function

June 2. (Wed) to bring to your attention what might be termed the ethical responsibilities and obligations connected with your relations to the various members of the Expedition, as well as to enter into a discussion or controversy over the relative importance of different fields of work. As to the latter point, we have not much latitude for individual discretion, the things expected from each person or party being quite clearly and adequately covered by the original orders of the Expedition, and by subsequent communications from the Departments of the Government, with which you should be as familiar as I am.

Your instructions from the Department of the Naval Service under date of April 30th. 1914. appear to cover some points in an entirely unequivocal manner. Allow me to quote from the above document of which I have a copy:

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June 2. (Wed.)

"Under these circumstances it is considered that it would not be wise to break up the southern party and take some of its members for northern Exploration. Such a division of force would probably defeat the object of finding out the southern party by weakening it and the results to be obtained by the exploration of Bank Island and Prince Patrick Island would not compensate for this sacrifice.

"It has therefore been decided that the southern party should as far as possible be kept intact and that the programme laid out for it should be carried out as far as circumstances will admit.

"But the main point to be born in mind is that the work of the southern party should be carried out as originally proposed and that it should not be weakened for the purpose of organizing another northern party

Bernard Harbor, N.W.T.

June 2. 1915. "Signed by G.J. Desbarats, Deputy Minister, and addressed to V. Stefansson, Esq. Commander — Canadian Arctic Expedition (Northern Division):"

"It is probable that I erred last year in allowing you to multiply the bounds of propriety last year in assuming the attitude which you took at Collinson Point with regard to the Southern Party, without a more emphatic protest. At that time I very willingly and cheerfully requested you to take charge of the affairs of the Expedition in general, but you very definitely disclaimed any desire, willingness, or intention of having directly anything to do with the affairs of the Southern Party either then or in the future. I was necessarily obliged to accept the situation with that understanding, and do the best that I could with the means in which you left the general expedition

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June 2. (Wed.).

affairs when you started on your ice trip from Martin Point. I had a number of opportunities later to verify the fact that a number of your acts in connection with the Expedition last year did not coincide to a very great degree with your statements at Collinson Point.

However, in the first instance, we were both able and willing to help you out after your somewhat hasty abandonment of the "Karluk", and in the second instance, the non-return of your ice party last summer, made it necessary to do the best I could with your unfinished business all along the Arctic Coast, and your numerous and often conflicting orders to various and sundry persons, and make the best possible provision which I could for the vessel going to Banks Island to rescue you and your two men, Stoker Storkerson and

June 2 (Wed.) Ole Andreason. In order to do this, I was compelled to neglect some of my proper work in connection with the Southern Party, and perhaps stretch my authority in diverting equipment and supplies to other than their intended uses, but I have considered this justifiable in both cases, on account of the obligation of doing everything possible for shipwrecked men, men lost or in distress in an uninhabited country.

"At the present time, having information that you have in your possession a vessel probably as good and seaworthy as the Anglo Vessel which we have here, enough supplies for another year, and on your own statement in a country where you are able to support your party indefinitely without additional supplies from the outside, and made more assistance in the way of men

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to carry on your work than the party at this point has, I do not consider that the circumstances of the case warrant your peremptory demand that the men of the Southern Party sacrifice most of their chances of accomplishing successful work this year, in order to carry on your further new plans. And furthermore, neither do I nor any member of the Southern Party so far as I know consider that you have a vestige of right or authority for ordering such action.

"If, as I have been informed by the party which came from the North, You have decided to consider yourself as independent, and under no particular obligation to obey governmental orders, I can only say that you, and possibly Mr. Wilkins who accompanied the expedition as an individual under private employment with

June 2. (Wed.) certain privileges, and who now comes bearing your power of attorney authorizing him to act as your agent in every way, are the only members of the expedition, so far as I know, who could possibly have any valid excuse for assuming that standpoint. So far as you personally are concerned, I suppose that you have the privilege of outlawing yourself and being as irresponsible as you please, that all members of the Southern Party as at present constituted are in government employ at present in what they have heretofore considered as being a government expedition, as trying to operate a government vessel, and consider themselves bound by loyalty as well as professional Ethics to abide by government instructions as long as they are in the government service.

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June 2 (Wed.).

"In regard to Mr. Wilkins, it is regrettable that you have seen fit to put him in rather an awkward position, but it goes without saying that any authorization or power-of-attorney which you may have given him, can confer no power or authority on him greater than you possess yourself, and puts me in a position where I must treat his actions accordingly.

"It is to be regretted, of course, that this may delay your plans somewhat, and perhaps for a year, but as I understand that you have planned to remain for one year or more longer than was intended, the delay will perhaps not be of serious moment. You would be the only scientific man of the Expedition working up there, and would have an opportunity for covering the field with even more than your customary thoroughness, and your crew would probably be satisfied with

June 2 (Wed). the unusually high wages and the very liberal fox-trapping privileges extended to them. The membership of the Southern Party, on the other hand, includes a number of men who were engaged by the Government for a limited time, and the scientific staff hope to finish up as much work as possible during the coming year as the next season will necessarily be taken up with preparations for departure. Of course everything which might be interesting or desirable will not be covered by their work, but the field is large, and no one man or set of men can ever hope to write finished, and it seems probable that no members of the party will care to stay later than 1916. Knowing this condition is also a very good reason why I am insisting on retaining within reach the necessary boat accommodation to get those men

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who wish to go out at least as far as Herschel Island, and take no chances of having them kapped in here for another year dependent upon the whim of anybody not conversant with the situation.

(4.) The large sled which you ask to be sent to you is the only really good sea-going sled which we have, and we really can not spare it without seriously crippling our resources, and no other suitable sled are available in this country. Of four field parties which we had in the field at one time during most of the past spring only one party had a satisfactory sled, Messrs. Chipman and Child using the one you refer to. I was using the next best one, the so-called "Davenport sled," a small home-made sleigh with several broken stanchions and braces. Mr. Ex. in his surveys at the western end of

June 2 (Wed.). Coronation Gulf and in his traverse of Rae River was obliged to use the low, rickety New York sled which had such an eventful history before coming to the Arctic; while Mr. Jenness started for his summer in the interior of Victoria Island with a light sled which was already pretty decorated with "soul-and-body-lashings". That comprises all our sleds except the small racing sled, the Point Barrow boat sled, and three worn-out toboggans. You seem to have five or six good sleds already, and you probably know that I gave Capt. Peter Bernard of the "Mary Sachs" his choice in picking out the best hardwood sledge material from our small stock and Collinson Point. I do not regret that, as you had all the expert sled builders in your party, our only man for that work being Mr. Armond Castell, and he was occupied all winter with other work so that he had no time to give his

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June 2. (Wed.).

hand at sledge-making with what material we had on hand. So far as heavy ice-work goes, we have had plenty of rough ice-travel along the coast west of here, and may very likely have to send a sled west next winter.

The 500 metre sounding wire I should be glad to send you, as we shall probably have no chance of making soundings at very great depths. The ~~Hydrographic~~ & other scientific equipment, I can not think of anything that we could spare or that you could need or use, which we did not send last year. The topographical men of course have need for the same instruments which they used last year. We have no fancy thermometers (maximum or minimum) except the set in the meteorological outfit, and I believe one of the common or coal variety, except those that are in constant use. I think one of these can be spared, however

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June 2. (Wed.). "As to dogs, we are not very well supplied. We have had rather bad luck with some of our dogs, particularly with the best ones. "Charley" and "Boss" were chewed up and killed at Baillie Island. Messrs. Chipman and O'Neill lost "Snap" and "Okomalluk" on their survey trip to the Darnley Bay region and I lost ed "Bob" and "Tip" (the latter the best dog we had) on my last trip west, and we came home with five dogs, a team of six mediocre dogs being taken out to Baillie Island by Okey and Palmgren, our two Eskimos. Mr. Box brought back up from his Rankin trip recently, having lost none. Only a few cripples and pups had been left at the home station, so that now we can muster only about a dozen effective dogs all told, and the average quality of the bunch is not very high. Mr. Jenness took a team of five dogs with him to Victoria Island in April and is not expected back until the

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June 2. (Wed.): fall freeze-up. He took "Tukkumat" with him as leader. "Denby" is the only respectable-sized dog we have left as the dogs which we have purchased from the local Eskimos are rather small, and there are very few good dogs in this region. He is the only dog we have left which shows promise of being a suitable dog for summer packing, and is the only one left which I could ride with a pack-saddle last year, so that we can not really afford to part with him, particularly as our plans contemplate a considerable amount of work at various points during the summer.

In regard to sending you a written communication last summer, will say that I had the intention of writing you a summary after the most important things had straightened out last summer, but in the confusion of adjusting things at Hershel Island with the business affairs of three vessels in my hands,

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June 2 (Wed.) I was kept busy day and night on account of troubles about crews, in getting out absolutely necessary Government reports and papers, and when the "Mary Sachs" was first ready, it being considered of the greatest importance to get her off to the North as early as possible. I thought it best for Mr Wilkins to sail the moment he was ready, rather than wait for me to write down the details of what had been done for your perusal. To get you the vessel as soon as possible was the main thing. Mr. Wilkins had the necessary papers and memoranda, and was in possession of all the facts which I could have given you, and I asked him to tell you what you wanted to know of the Expedition's affairs which had occurred since your departure on the ice. I shall append a brief summary of the movements of the Southern Party during the past year, for your information. Such scientific work as has

Bernard Harbour N.W.T.

June 2. Wed. been carried on to such an extent that the results are in shape to be reported, have been forwarded to the Government through the proper channels as indicated in the Expedition's instructions.

I am sorry that you do not appreciate the Gasoline launch "Edna". I am unable to trace any "definite instructions" to take her to Coronation Gulf. It is admitted that you purchased her gratuitously for the use of the Southern Party, and that the Mackenzie River survey party had never been able to make her run. But after having her towed to Herschel Island by an Eskimo schooner, Mr. Blue, engineer of the "Alaska" and Mr. Watkins found that she was really a very excellent boat, and we would have been glad to keep her for the use of our party. Undoubtedly the topographers could make good use of her here, but in the circumstances

Bernard Harbor, N.W.T. 141.

June 2 (Wed.) We were in last summer, some sacrifices and compromises had necessarily to be made, and I thought it best to let Mr. Wilkins have the "Edna" or the "Mary Sachs". No doubt you would have arranged things differently if you had been at the island yourself, but on the other hand you may be sure that I also would have been in a different position which would have simplified matters here at the present, and made it unnecessary to reiterate a good many things which should have entered your comprehension some time ago. It is really not of appreciable advantage to us for you to offer to give the "Edna" back to the Southern Party if some one else comes after her, or "if the season allows" to convey her for us to some other place which for our purposes is as inaccessible as Cape Kellett.

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June 2. (Wed.)

Mr. Wilkins last summer and at this time has stated that he boarded the "Edna" in connection with the "Mary Sachs" to prosecute his search for Mr. Stefansson. He was somewhat disgusted that Mr. Stefansson was unwilling to give him any credit for getting there with a vessel, and that it was pure effrontery to claim that the ice party's safe arrival at Cape Kellett was entirely due to calculation. After drifting about in what seems to have been a large eddy off the West coast of Banks Island, sometimes sighting land and then drifting off again, floating around in serpentine curves and loops so far as could be guessed from Stefansson's rough calculations, landing by chance without more than two or three days' foods, the fact that the ice party happened to bump into the land at an opportune time, and managed to keep alive until they struck the

June 2. (Wed.)

"Many Sacks" and the Grub-pile, is not sufficient reason for disclaiming any influence of Chance, and damning the rest of the Expedition for providing for contingencies which we had a reasonable ground for expecting. Whatever may have been our individual opinions as to the wherefores of the ice party, it was up to us to do what we could for them, both to satisfy our own consciences and the questions which arise from outside. Whether our efforts are appreciated or not does not greatly matter.

Bernard Harbor. N.W.T.

June 3 (Thurs.). Cloudy, but hazy bright. Light wind. Chilly but thawing a little. +31° at 10:00 a.m.

Black-bellied Plover - Billy shot one, out a flock of three seen, the first of the season. Sullivan saw a small flock in the evening.

*384.7 Squatarola squatarola.

Rock Ptarmigan - Billy shot three females, with plumage about half brown, a spotted appearance.

Lapland Longspurs - a few seen.

Snow Buntings - one or two seen.

Snow Geese - Sullivan said he saw a small flock fly over house in the evening. Probably Pacific Eiders as no other Snow Geese seen this year.

Gave Stefansson's letter to Mr. Wilkins as he said he had power-of-attorney to open his mail and attend to his business. Had some discussion with Wilkins in regard to certain terms which I used in the letter, and he misinter-

June 3. (Thurs.) on written explanations on some points which I decided needed no further explanation, as I was not issuing him orders, merely giving him information on which he could act as he saw fit. I said I would explain any necessary facts, but was not going to waste my more time typewriting out endless quibbles over technicalities. I wrote out a little more detailed explanation of our point referred to, which was soon followed by his decision to go west at once without insisting on his alleged right to take charge of affairs here as Mr. Stefansson's deputy or attorney. Mr. Stefansson had authorized him to purchase the "Ugo" in case the "North Star" was unavailable on account of unseaworthiness or for other reasons, among which were included mutinous

Bernard Harbor. N.W.T.

June 3 (Thurs)

attitude we part of the Southern Party. He was authorized to pay up to $5000 or $6000 for the "Aegy". I informed him that Capt. McIntyre was willing to sell her for $9000. as last year. Agreed that Wilkins should take the 7-H.P. Gray engine from here, and a sled-load of cylinder oil and gasoline enough to take the "Aegy" to Baillie Island. He and Crawford loaded two sleds in the morning. They estimate that there will be timé enough to reach Dauley Bay by sled. They will not have to haul much food, as there are plenty of Seals up on the ice now, and we have food caches all along the coast to Pierce Point.

King Eiders - flock of about fifty, both males and females going East about 11:00 p.m.

Bernard Harbor, N.W.T. 1917.

James. (Thos).

"To Mr. Geo. H. Wilkins,

Dear Sir: In reply to your request for more detailed explanation of certain points of my communication to Mr. V. Stefansson, given to you yesterday, I will say that by issuing instructions which would deprive the Southern Party of the use of the North Star or a similar boat it appears, under our present conditions, that Mr. Stefansson is acting directly contrary to the spirit as well as the letter of the instructions received at Herschel Island last season from the Department of the Naval Service under date of April 30th, 1914, which stated that the Department had decided that the Southern Party should not be weakened or crippled in any way and should be provided in the fullest way for transportation of their supplies and instruments. I consider that if Mr. Stefansson's orders are to be carried out the amount of work that could be accomplished by the Southern Party

Bernard Harbor. N. W. T.

June 4. (Fri.)

"would not justify them remaining in the Country and if the said instructions are carried out the Southern Party & a considerable portion of the Southern Party would be justified in suspending operations and returning to civilization this Summer.

"This is not saying that if Mr. Stefansson had been at Herschel Island last Summer that different arrangements could not have been made in regard to the boats in a more satisfactory manner, but as the situation stands at the present time, the years plans of the party have been worked out on the present lines, and the proposed arbitrary removal and readjustment of plans would make ineffective our efforts to accomplish anything worth while. I realize the situation in which you are placed and will be glad to co-operate with you and aid you as best I can with what Equipment and supplies

June 4 (Fri.) can be spared for the help of the Northern Party. I am

Yours truly P. H. Cadieux

Executive Head of Southern Party.

Clear day. Family storing wood. +25 at 8:00 a.m. Thawing a little towards noon.

King Eiders - several flocks going East today.

Black-bellied Plovers - several heard.

Jaegers, (long-tailed or Parasitic). Johansen saw two, the first of the season. Castel saw one in the morning.

Lapland Longspur - several seen.

Mr. Johansen returned to the house from his camp at the lake. He had cut some holes in the ice, but caught no fish. He reports very windy conditions inland, the ground being practically snow-covered.

The "North Star" is in a rather precarious position, with water in the

Bernard Harbor N.W.T.

June 4 (Fri.)

hold nearly to the top. As the situation now stands all hands must stay here for some time at least to try to help haul her ashore as soon as the ice can be cut away from her sides. After that we shall try to get Shell and perhaps one of the topographers around to the Kent River country, either by sled or by portage across country, in order to get some work done before winter and the Copper-mine in the interim before the "North Star" can sail east. Mr. Cox will probably have to stay here most of the spring to see what he can do with the North Star's engines. If the engines can not be made to run we shall have to work under sail in Coronation Gulf this summer.

Mr. Wilkins this afternoon volunteered to give his own services, as well as those of Crawford and Billy, to do the best they can this spring to get the "North Star" and launch in shape, the "North Star" to carry the

June 4. (Fri.). Launch with provisions for the Summer, distillate and gasoline for the launch, and provisions for other caches for future work. This will put the launch in better shape, with new Fay engine installed, and insure the North Star engine being put in better shape (with two professional engineers Crawford and Beltrus) on the job. It will relieve Mr. Cox from the necessity of machinist's work during most of the Spring and enable him as well as the other man to get away earlier for field work, on account of being relieved from the former necessity of remaining here to see if they are needed to help haul out the North Star if she is in danger of sinking.

The amount of work guaranteed in the early Spring will in my opinion counterbalance the slightly slower rate at which we may have to work later in the Summer on account of the "North Star" after establishing our provision and gasoline caches to the Eastward.

Bernard Harbor, N.W.T.

June 4 (Fri.)

New plan decided on today is for Mr. J.P. Cox and Mr. J.J. O'Neill to start east as soon as possible with the skin umiak on the bob sled, to survey the region about Tree River, Coronation Gulf and work east towards Cape Barrow, either by sled in the early summer or by umiak later. Mr. Chipman and myself are to join them with the launch in the "North Star" at Cape Barrow, with supplies, as soon as the "North Star" can get out of the harbor to go east. We estimate that the "North Star" will probably get to Cape Barrow about August 1st.

The umiak will have a solid piece fastened in the stern, so that an Evinrude motor can be attached at will.

Bernard Harbor, N.W.T.

June 5. (Sat.). Clear. Strong west wind. Cold.
Working on the outfit of the party going East; — i.e. Cox, O'Neill and Billy.
Billy Nalluniak is going along & help the survey party during the summer and will be picked up and taken back by the "North Star."
Nalluniak was gone most of the day — said by some to be hunting for his new wife who had gone out in the country again. Wilkins says she kept running away repeatedly on the way up here, but he thinks it was mostly bluff or coquetry. The lady known locally as "the Merry Widow," (Kaudlirk by name) has been looking for a man all winter. Billy bought her from her brother for a .30-30 rifle which he brought from Banks Land. She is perhaps 25 years old; has a little girl 5-6 years old staying with other people. Billy returned with her in the evening, and said

Bernard Harbor, N.W.T.

June 5. (Sat.) that she had not gone far.
Caribou — Billy saw one Caribou a long way off.
+21° at midnight. Clear. Light wind round.

June 6. (Sun.) Clear. Calm. Warm. Thawing.
White-fronted Goose — one flying over.
Caribou — Obtained a small fawn from Haonjok, who said that he saw it down last night and killed it with a stick. He thought it might be four or five days old. Color light brown, paler below; unspotted.
#373. ♂ Rangifer arcticus. L. 29¼ in 735 mm. Tail. 3¼" (80 mm). Ht. 13⅜ in (334 mm) Depth chest 7 in. (174 mm) Shoulder to hip 13½ in (335 mm).

Bernard Harbor, N.W.T.

June 6. (Sun).

#376 ♀ Citellus parryi. 445-16-55.
Bought for 3 cartridges (4 ✗ 5)

#377 ♀ Citellus parryi. 444-130-61.
Eight embryos in uteri.

Semipalmated Plover - One seen flying East in afternoon - another one heard calling about 11:00 p.m.

Eiders - large flock flew over.

Snow Buntings - several around house today.

Photo 3A

(258) #8. Umiak pond with mast and Evinrude motor adjusted. Mr. J.R. Cox and Mr. J.R. Crawford. 16 - 1/50 - BS 10:00 a.m.

(259) #9. do. Shooting adjustment of Evinrude motor. 16 - 1/50 - BS 10:00 a.m.

(260) #6 Scbr. "North Star." 16 - 1/50 BS 10 a.m.

(261) #1. Caribou fawn (stuffed). 16 - 1/50 - BS 10:30 a.m.

Had a woman help skin out legs of two Caribou killed in April by Pelangyot. Paid her a thimble.

Bernard Harbor N.W.T.

June 6. (Sun.) Billy Nattuscick had more trouble with his wife today. He said that he didnt care if she stayed or not; he was "mad" he said, and she can go if she wants to. He said he didnt want a "Kogmollu" wife in the first place, they were no good, and he expected to get a really good woman when he returns to Alaska, but Mr. Stefansson send him down here with orders to get some kind of a wife now. Later in the day the woman and several others started a discussion in the house, and she asked if she could stay with Billy. She was evidently bluffing, and didnt want to lose her job. Billy does not want her, and I told her it did not matter to me, whether she stayed or not. Later Billy took back his rifle which he had given to her brother

Bernard Harbor. N.W.T.

June 6. (Sun.) Ulukwark paraded around camp today wearing his black priests cassock. He invited me especially to come over to see his camp. He had the ground covered with things spread out to dry — the wardrobes of his two wives laid out separately, about 40 fox skins, 12-15 wolverine, many caribou skins, cloth (from Great Bear Lake), and year of all kinds. He proudly showed me everything in detail, occasionally looking around over the display very impressively, tapping his chest and saying "ovahga" (me); that it was all his. He is excessively proud of his property.

Mrs. Wilkins got out the Graphlex camera and made many experiments for time with different lenses.

Bernard Harbor, N. W. T.

June 7. (Mon.). Thick foggy at 7:00 a.m. Light Easterly wind. Chilly and raw.

Black-bellied Plovers - some heard going over.

Hare. Cleaned skull (*378 ♂). collected in Spring by F. Johansen

*379 ♀ Citellus parryi. 416-187-4. (pregnant). Bought four specimens for three .44 Cartridges Each.

*380 ♀ Citellus parryi. 430-138-6.

*381 ♀ " " 420-131-5.

*382 ♂ " " 442-136-68.

Ruddy Turnstone - Saw and flying over.

Snow Buntings - several seen

King Eiders - large flock going East.

Have had some talk with Tellot-Goak in regard to his accompanying Cox and O'Neill east, but he is so changeable in mind, that we can not depend upon him.

Bernard Harbor, N.W.T.

June 8. (Tues.) Foggy in morning. Fairly strong S.E. wind. Calmed a little about 10:00 a.m.

Decided that Ulukpuk was not to be depended on as a help for the eastern party, and engaged an Eskimo named Nuppi. Agreement with him, with Nattuniak as interpreter, to hunt kyyuk and Seal this Spring, later to dry fish and hunt caribou in summer. In case it is advisable, some or all of Cox's and O'Neill's dogs will be left with him to take care of during the summer after sledging is finished. If he works well he is to have the .44 Rifle, net, tent, and other things.

Issued to Nuppi: 1 .44 rifle. 50 Cartridges .44, one cooking pot, 4 blocks matches, and one of the green tent covers (canalite) for a summer tent. Mr. Cox has furnished cartridges and other

Bernard Harbor, N.W.T.

June 8. (Tues.). things to issue to him as required.

Muffi is a rather young looking man (not more than thirty); his wife Kilaniluk looks much older, (perhaps 45). They have a little daughter Mingoyuk, or Mingoyuktuk (4 or 5 years old).

Old-squaws - Heard the first old-squaws of the season. Johansen saw some flying over the ice outside of the harbor.

Yesterday Johansen got some worms worms and larvae of Cirripedia.

Hoyt's Horned Lark - Saw one on the woodpile today, the first one seen here, although I saw some on the coast west of here in May.

Native help - Engaged Kokeklok, a brother of Muffi, to help around the station on the same terms as Muffi was engaged. He is to hunt seals for us at present, fish and

June 8. (Tues.) put up what dry fish he can for us during the summer. He is to get a .44 rifle and other Equipment in payment.

Supplies and Equipment taken East by Cox and O'Neill. (Checked out by K.J. Chipman.)

Umiak and cover, with mast
Umiak sail and yards.
Evinrude motor and spare part.
Gasoline
Oil for Evinrude.
Mosquito tents.
Mosquito-netting for head net
Mummery Green Jean Tent 5'x6'
2 seal spokes
2 fish nets.

Bernard Harbor. N.W.T.

June 8.
(Tues.).

June 9. (Wed.). Cloudy. Strong west wind. +33° at 8:00 a.m.

Uluksak changed his mind again. His latest intention had been to go east when the party goes, to hunt on his own account in the region beyond the Coppermine River this spring. Now he has decided to stay here. Completed arrangements with Kuppi and family to go east. Even if they do not do very much good this spring, it is important to have some one who can stay to look after the dogs after the break-up. Issued him some summer clothing - denim shirt and overalls. He said he wanted cloth (cotton) pants for wading after fish, as deerskin does not stand wetting very well.

Hoyt's Horned Lark - saw one near house.
Snow Buntings - several seen.
Eider Ducks - large flock going East.

Bernard Harbor, N.W.T.

June 9. (West.)

Measured umiak.

Length (extreme) 854 cm. 28.149 ft

" (skin-covered part) 835 cm.

Beam 183 cm. 6 ft

Depth 55 cm. 1 ft. 10 in.

Photo 3A.

(262). #2. Umiak on boat sled.
11 – 1/50 – Dull sun. 1:30 p.m.

(263). #3.

(264). #4 Start of Umiak party at 18 ft.
11 – 1/50 – B.S. 3:30 p.m.

(265). #5 do. 25 ft.

(266). #6. do. Cox's sled.

(267) #7. Start of party.

(268) #8. " " "

Vest Pocket Kodak.

Spoiled " #2. Umiak on sled. 11 – D.S. 1:30 pm.

" #3 Ita'juk (old man).

" #4-5-6. Start of party. 11 – 3:30 pm

" #7-8. After start 7:00 p.m.

3A. #1. (269) Meat-drying rack.
11 – 1/50 – B.S. 4:30 pm

#2. (270) House from S.W. 11 – 1/50 – B.S. 4:32 pm

June 9. (Wed.)

J.R. Cox's team, with load sled:
Jack (leader), Denby, Mack, Buster, Caruso, Prince, Titak (Muffi's dog).
O'Neill's team, with boat sled:
Jumbo, Tutsbet, Ikkokamm, Mowk, Itayuk.

Sky clouded up about 5.00 p.m. then a sprinkle of rain, followed by sleety hail (ca. size of No 8 shot). Strong west wind, which blew down two tents. Snow melted very fast today, especially late in the afternoon. In about two hours time about a foot of water formed in lower end of store tent which had been dry before; caused by seepage under big snow drift on hillside dammed up by ice under snow just below tent near base of hill. All hands turned out digging trenches in snow-drifts in evening to drain store-tents and caches. Snow squalls at intervals.

Bernard Harbor, N.W.T.

June 10. (Thurs.) Cloudy. Strong west wind. Freezing a little during the night. Variable clouds all day. Strong wind, raw and chilly, but thawing a little. Snow squalls around 9:00 p.m.

Inal — Kokshuk went out with his new rifle and shot a seal. His wife went out later with two dogs and hauled it in. He offered to turn the seal in to the cache, but I told him to keep it as his family needs meat, and to bring in more later.

Had some trouble with Murdoch at noon. He kept butting in and putting his fingers into dishes on table, and Cadney (the cook) finally bid him outside. This was just as the second table was finishing lunch. Murdoch became much excited and hunted me up to tell his troubles. I tried to get Patsy to explain that he would have to behave himself or keep out, but Patsy seemed unwilling

June 10. (Thurs.) to give any more than a very mild "denatured" interpretation of what I said. Illuksoak sent his boy to summon the other natives, who promptly gathered around. I was not aware at first what he was up to. He took off his outer shirt and sat down face to door, never saying a word, preparing for a chance. Nothing seemed imminent, and after a while I went outside to attend to some work. I was told later that Illuksoak performed some antics, waving his arms like a bird. Explanation of this was that he was summoning a devil to come through the air and carry off (or kill) Cockney. He also renounced all connection with the Expedition and said that he would not even trade with us any more. No natives came around the house in the afternoon. In the evening Illuksoak and others came over, apparently in as good

Bernard Harbor. N.W.T.

June 10 (Thurs). spirits as if nothing had happened. Later he followed me up when I was skinning specimens in a tent, brought over about 50 lbs. more of dry caribou meat; also assured me that he was going to put up for me plenty dry fish, deer meat, deer fat — also, wanted another tin pot. He volunteered other favors later.

Skinned birds most of the day, and finished four "squirrels" that Patsy had started.

390. ♂ Lagopus l. lagopus. Feb 7, 1915 (N.J.C.)
391. ♂ " " " " " " " "
392. ♀ Nyctea nyctea 1914. Pelly Jct.
393. ♀ Larus glaucescens Juv. 1914. "
394. ♀ Sometaria V-nigra 1914. N.J.C.
395. ♀ " " " "
389. ♂ Dicrostonyx sp. Oct 13, 1914.
110-11-17.

Hoyt's Horned Lark — a few seen.
Lapland Longspur — one ♀ seen near house.
Snow Bunting — a few seen.
Glaucous Gull — one flying over —

Bernard Harbor, N.W.T.

June 11. (Fri.). Clear. Min. Temp +24°. +28° at 8:00 a.m. Strong west wind. Clear in afternoon. Thawing. Snow falling in evening, enough to cover ground.

Ulluksoak and wife (Kukialuk) cut up several Caribou carcasses, all that were thawed enough to cut up, and hung up the meat to dry. The carcasses in middle of cache are still frozen solid.

Hoyt's Horned Larks - several around the house. Local name Kūpiñára.

Lapland Longspur, Nahau'lik. ♂ 383. ♂ Killed by Ikotak, Ulluksoak's boy, with a stone.

Baird's Sandpiper - one seen.

Snow Buntings - Amau'lik.

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June 12. (Fri.) Cloudy. Strong west wind. Sunshine during most of the day. Cloudy in evening. Thawing considerably in the sun but freezing in the shade all day. Flour and sugar cache started to flood and we had to spend most of the afternoon digging ditches and shifting part of cache.

Ulukoaq, Koksheuktak and families started for a fishing lake to S.E., saying that they would be gone for five days.

Patsy went out to the big lake last night. He saw four Caribou backs, but not very fresh. No birds but a few Ptarmigan.

Willow Ptarmigan - Patsy says he saw three large Ptarmigan up on the hills the other day, - males with dark brown heads.

Baird's Sandpipers - several are feeding on the slop pails around

June 12 (Fri.) the house, exposed by melting of the snow. They are quite tame.

Hoyt's Horned Larks – several around the house, feeding on the dump.

Snow Buntings – several around the dump-pile.

June 13 Cloudy morning. +28° at 8:00 a.m. Strong west wind. Snowing slightly at 7:00 a.m. and most of forenoon, whitening the ground. Cloudy and cold all day. Shinned some birds

Baird's Sandpiper – a few around house
Horned Larks – " " " "
Snow Buntings – " " " "

Bernard Harbor, N.W.T.

June 14. (Mon.)

Clear today. Fairly strong west wind. Chilly in shade but thawing in sun. Castel and Patsy went west with sled for a load of wood. We had to shovel out the snow which drifted yesterday into deep ditches through banks to drain sloe-lents.

Baird's Sandpipers - a few seen near house.

Hoyt's Horned Larks - a few seen.

Snow Buntings - a few seen.

Glaucous-winged Gull - Measured a juvenile specimen shot by Palaiyat Sept. 15, 1914, but which was mislaid and became too decomposed to skin. L. 22½. W. 15½. T. 6½. B. 1½+ Tr. 2½ Tar. 2½. Depth of culmen at base ½+.

Eider Ducks - Castel saw one flock going east over the ice.

Black Brant - Castel saw two going east.

Seal - two seen on the ice.

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June 14. (Mon.). Cut up and hung for drying six Caribou carcasses which I had partially thawed the past two days in the green tarpaulin tent which is a little hothouse when the sun is shining. Sacked up some Caribou meat which is nearly dry. Racks are full of meat.

Cloudy all night.

+26° at midnight

Bernard Harbor, N.W.T.

June 15. (Tues.). Cloudy at 7:00 a.m. Warmer, or air feels warmer, due to no wind. Clear all day and thawing all day.

Ruddy Turnstone – F. Johansen saw one in evening.

Hutchins' Geese – Sullivan and Peck saw a small flock on ground near Camp. Johansen saw one Goose flying south.

Snowy Owl – one seen;

Baird's Sandpipers – a flock of four or five around house all day.

Horned Larks – several seen.

Lapland Longspurs – a few seen.

Mr. Johansen came home in the morning from his camp inland. He said the ground is mostly snow-covered. No birds seen but a few Ptarmigan and one Goose.

Caribou – Johansen saw two inland.

Fish – Kotshuktok came back in evening. He had caught four Lake Trout and brought back two, average weight about 2 lbs.; one

Bernard Harbor, N.W.T.

June 15. (Tues.) female with egg nearly ripe, the other female with small eggs, one male. Stomach of one fish contained young Lake Trout 15 cm. long, also mosquito larvae.

Caribou — Kokhlakot said that Ilukoak killed two caribou a couple of days ago — one young bull with antlers just shed. One cow with old antlers and carrying an unborn fawn.

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June 16. (Wed.).

Spermophiles - fixed up some skins.
385. ♂ Citellus parryi. May 20-1915.
424-115-65.
386. ♀ do. Sept 27. 1914. 425-115-67. (Spermophiles)
387. ♀ " May 20. 1915. 405-109-57.
388. ♂ " " 16, " 445-123-66.

Caribou - Natives saw a single Caribou about 10:00 a.m. on land just south of harbor. Kokoliok fired one shot but missed. Cockney and I tried to head it off but it ran around to west behind the big ridge and we could not see it again.

Snow mostly melted off higher hill tops, but deep snow banks in ravines and lee, and water puddles on slopes.

Flowers - nothing but a few small purple Saxifrages in bloom (Saxifraga oppositifolia).

Haldane's Goose - three passed near house.

Lapland longspurs - a few on uplands

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June 16. (Wed.) Cloudy all day. Colder in afternoon. Snowing at midnight, enough to cover the ground.

June 17. (Thurs.) Cloudy in early morning. Snowing at 2:00 a.m. Hazy bright at 8:00 a.m. Thawing. Light westerly wind.

Wind west. 10 miles per hour (observer)

8:00 a.m. +33½ 30.5.

Barometer (mercurial 30.10.

Min. +29.5 Max. +39.5

Started east with Chipman and Wilkins at 9:45, with sled, Mr. Wilkins wanting to photograph the corpse of an Eskimo who was recently laid out by his friends, on top of a low gravel point somewhere

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June 17. (Thurs.)

west of Cape Lambert. The man died during the winter near the Liston and Sutton Islands. The natives held a Shamanistic inquest here in the spring, and decided that the death was not caused by white man's black art. Some time late in March or Early in April the dead man was taken to land and left there, with no covering but caribou skin (no stones or driftwood).

Travel good today. No water on ice, and a fair layer of soled snow on the ice. No large cracks. Saw a number of Geese flying over the land and went ashore with shotgun on mainland East of the East End of Chantry Island, while Chipman and Wilkins went on to the burial place.

Seal - Saw several Seal and bear tracks on ice

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June 17. (Thurs.) Glaucous Gulls - several seen.
Glaucous-winged Gulls - one seen.
Eiders - two flocks seen, one flock going west in the forenoon and one flock going East in the afternoon.

Hutchins's Geese - Saw several feeding on bare flat in small creek valley, and a few isolated pairs and one trio on grassy patches. The pairs were courting. I tried several times to approach within shot-gun, but they would start to walk away by the time I got within 50 yards, and I never got within 40 yards. Finally a small band flew by about fifty yards away and I dropped a male #346. ♂ Branta canadensis hutchinsi.

Black Brant - Saw seven or eight feeding in creek valley in company with Hutchins Geese.

Parasitic Jaegers - saw one.

Snow Buntings - several seen

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June 17 (Thurs.)

Lapland Longspurs – many seen on grassy hills.

Baird's Sandpipers – a few seen.

Ravens – several seen.

Black-bellied Plover – one seen.

Golden Plover – three pairs seen. Stalked a pair on barren flat and shot one #396. ♂ Charadrius d. dominicus.

The small creek in valley east of the fishing creek had quite a bit of water running. Crossed it at a place where a long broad snow-drift bridged it. The snow seemed solid, but when I was near the middle I broke through the snow-crust into water and slush about knee deep; getting my boots full of water. Had to wade ashore.

June 18 (Fri.)

Clear all day. Warm, and thawing fast. Little river southwest of harbor peninsula flowing today, with about two feet of water in evening. Calm most of the day. Very light northerly wind in afternoon. Cloudy again in evening.

Golden Plover — Contents of stomach of Golden Plover shot yesterday (identified by F. Johansen:

1 big Lepidoptera larva.
1 Dipter larva (Tipulidae)
2 Coleopter " (Curculionidae).
Several weevils (Phagium?) — one whole and remains.
Several Carab beetles (remains).
A few plant seeds, and gravel.

Glaucous Gulls — a few seen around harbor.

Hoyt's Horned Larks — a few seen around the house.

Baird's Sandpiper — several on house, feeding on slops.

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June 18. (Fri.).

Hutchinsi- Geese — a pair in creek.
Eiders (King) — a pair in creek.

June 19. (Sat.).

Sunshine in forenoon. Light East wind +35° at 8:00 a.m. West wind in afternoon and evening. Thawing at midnight, and cloudy.

Canbow — Got a faun from Klutsak, which he killed June 12th, a few miles inland — #348. ♀ Rangifer arcticus. L. 820 mm. T. 92 mm. #A. 320.

Herring Gull — one shot by Peboy near house. L. 22½ W. 16. T. 6⅝. B. 2⅛. Ts. 2½ Tcl. 2¾ Bill yellow, red spot on tip near lower mandible. Iris straw, eyelids orange. Feet

June 19 (Sat.) pinkish (*402 ♀ Larus argentatus.)
*403. do. L. 23 5/8 W. 16 1/2 T. 6 7/8. B. 2 1/8.
Ts. 2 5/8. Tcl. 2 3/4.
*399 ♂ Aegialitis semipalmata.
*400 ♂ Pisobia bairdi.
*401 ♀ Calcarius l. lapponicus.
*402 ♀ Larus argentatus.
*403 ♂ " "
*404 ♂ Gavia stellata. From Wetherall, shot at Lake a few miles inland.

June 20 (Sun.) Cloudy. Fairly strong west wind. Snowing all day. Freezing at 11:00 p.m. Skinned some birds. Started Wetherall to making a fish net apiece. The art of net-making is new to the natives here. Furnished them with enough twine for a net apiece in the expectation that they will be able to bring in some fish this summer. They have promised to dry all they can for us.

Bernard Harbor N.W.T.

June 20. (Sun.) Baird's Sandpipers - a few around house.

Snow Buntings - several seen.

Hoyt's Horned Larks - a few seen.

June 21. (Mon.) Clear bright day. Light west wind. Thawing fast. Calm in evening. Clear all night. Midnight sun seen for first time this year. It should have been visible three weeks ago at this latitude, but it has been cloudy near the horizon every night. Freezing at midnight

Bernard Harbor, N.W.T.

June 22. (Tues.). Clear. Light SE wind. Crossed to south side of bay in afternoon and hunted around on tundra west of lake. Crossed lake; ice solid to shore except a little strip on west side around mouth of small creek.

Ruddy Turnstone - Saw a pair on Hornaday hillside in morning and one more near house in evening. Shot latter - *410. ♀ Arenaria interpres morinella

Sanderling - Shot one in front of house, in company with Ruddy Turnstone. *411 ♂ Calidris arenaria.

Snow Bunting - saw pair on hill and shot male, in full black and white summer plumage.

*409. ♂ Plectrophenax nivalis. Stomach contents: gravel, a few plant buds, and two small (ca. 10 mm.) Lepidopter larvae.

Old squaws - saw three pairs together in pool at edge of lake.

Pacific Eider - saw ♂ and ♀ in small water pool near lake.

Bernard Harbor. N.W.T

June 22. (Tues.).

Black-bellied Plover — Saw one male at a distance. He came running towards me in short spurts, occasionally stopping to look. Saw female near the same place a little later. Shot male.

*407. ♂ Squatarola squatarola.

Stomach contents: Remains of beetles, and a few plant buds; also a couple white Muscid larvae + a couple naked Lepidopter larvae + ca. 12 dg. Tipulid larvae (Diptera). F. J. Unit.

Stilt Sandpiper — Shot one which was standing near a Black-bellied Plover, and remained after the latter was shot. Saw one other Stilt Sandpiper with the other Plover. Ova fairly large. (The only Stilt Sandpipers seen this season)

*408. ♀ Micropalama himantopus.

Ti ii tū'yuk (local Eskimo name, meaning long leg). Stomach contents: remains of beetles and a few plant buds.

Bernard Harbor, N.W.T.

June 22 (Tues.)

Golden Plover – heard one pair.

Baird's Sandpiper – seen almost everywhere – on hills, in valleys, and around pools. While coming down hillside near head of little creek, flushed one which crept along ground with wings half spread. Looked carefully for nest but could not find it. Sat down at a distance for nearly an hour but the bird did not return. This was the first sign of nesting bird this season.

Sabine's Gull (Xema sabinii) Saw flock of about twelve going East, very noisy.

Herring Gull – saw three near lake.

Long-tailed Jaeger – saw one hawking over the hills, alighting very frequently. I followed for some time, but the bird was wary, and I could not get near. One more flew over, going East.

Lapland Longspur – a few seen on tundra.

Bernard Harbor, N.W.T.

June 23. (Wed.)

Clear. East wind in morning. Thawing. West wind in afternoon and evening.

Blue-bottle Flies - many in house today.

Aksiatak and Attigi came from lake with two packs of fish - Lake Trout and Salmon Trout. Bought about 50 lbs for about 75 Cartridges.

Caribou - skin of fawn killed recently, from Aksiatak. #412.♀ Rangifer arcticus

Rock Ptarmigan - Bought a pair from Aksiatak, the male still in white plumage, but the female in mottled summer plumage.

Pacific Eider - a flock of six or eight, both males and females, flew over.

Ulukshak and other Eskimos moved to east today, with sleds on the sea ice. They are going to camp during the early summer near the mouth of a small creek, in a bay west of Cape Lambert, where they say there is good fishing (for Salmon Trout).

Bernard Harbor, N.W.T.

June 23. (Wed.) Photos 3A - 1-2-3. 271-272-273. Eskimos breaking camp.

(274) # 4. Mrs. Uluksoaq Jr. (Kuppanna).
11 - +50 - B.S 11:30 a.m.

(275) # 5. Mrs. Uluksoaq Sr. (Kukiorktok).
11 - +50 - B.S 11:30 a.m.

June 24. (Thurs.) Sunshine a.m. Cloudy p.m. Strong west wind all day. 18 miles per hour at 8:00 a.m. Light misty rain in evening. Ice melting fast today.

Herring Gulls - saw two on ice.

Geese - flock flying over.

Kokoktak, Titlot, and their families started packing over to fishing lake, to be gone "five sleeps." Mr. Wilkins started after them with cinematograph on two-wheeled cart and two dogs. The dogs were too impatient and soon ran into rocks, broke down the cart, and Wilkins came back.

Bernard Harbor, N.W.T.

June 25 (Fri.). Cloudy at 8:00 a.m. Light north-westerly wind. Sunshine at 9:00 a.m. Mist in ~~evening~~ morning.

King Eider. Chipman shot a male.

#413. ♂ Somateria spectabilis.

Pacific Eider - Patsy shot a male.

#414. ♀ Somateria v-nigra.

Lemming - preserved a Dicrostonyx in alcohol; found drowned in pond.

Bumble-bee - Caught a large reddish Bumble-bee on side of house in morning.

Johansen returned from lake camp in morning. He says that the snow is mostly gone from the land, and that there are more birds inland than here. He had seen Golden Plovers, Black-bellied Plovers, two Hutchins' Geese, Parasitic Jaegers, Lapland Longspurs, and ~~Sandpipers~~.

Bernard Harbor, N.W.T.

June 26. (Sat.) Clear at 7:00 a.m. Misty at 10:00 a.m. Slight rain at noon. Light west wind. Clear and warm in afternoon.

Worked today on some of D. Jenness' last year specimens which were damp and mouldy; imperfectly preserved and packed.

Fresh - Kigjuina came from lake with a pack of fish (7 Lake Trout, ca. 30 lbs.), which I bought for one "Stiletto Brand" Rufa and 1 block matches.

Sabine's Gull - One shot by Paley. *440. ♀ Larus Sabinii. Cycleds reddish orange; iris brown; throat and palate orange red. Fat on body also reddish colored. Gonys rather small. Contents of stomach: small littoral marine amphipods. remains (otoliths) of small fishes.

Black-bellied Plover - Shot by Paley *441. ♂ Squatarola squatarola. Stomach remains of beetles and lacustrine Diptera larvae. (F. Johnsen) local name "Tig lik."

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(June 26) (Sat.) Golden Plover. One shot by Pdy. #442 - ♀ Charadrius d. dominicus. Eggs well developed, ovaries very large and swollen. Stomach contained remains of beetles and lacustrine Diptera larvae (the same as of squatarola), and also remains of subfossil mussels and a lemming molar tooth (F. J.) Local name "Krē Kī'ûK."

June 27 (Sun.) Cloudy all day. Slight mist in forenoon. Light N. W. wind. Calm in evening. Warm.

J. H. Watkins and Patsy went up country to lake to take cinematograph pictures.

Herring Gulls - a few seen.

Hoyt's Horned Larks - a pair near house.

Baird's Sandpipers - two or three seen.

Seals - saw two in top of the ice in the evening.

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June 27 (Sun.) Went up on the high hill to SW. in evening. Weather very mild but I saw no signs of animal life but these Sanderlings on beach near mouth of creek. No flowers out but Saxifraga oppositafolia. Hills in place showed a faint greenish tinge today — they have been dull brown and lifeless looking heretofore.

June 28 (Mon.) Cloudy a.m. +36° at 8:00 a.m. Calm. Light NW wind. Sunshine at midday.

Eskimos came over from fishing lake, packing some fish (all lake Trout) From Kotlotlak — about 25 lbs, including one 12-pounder.

From Akeeatak — six fish — 7, 7, 5, 3½, 4, 4, total 30½ lbs. From Akeatak about 25 lbs for 3 cartridges (4 shot)

Wilkins and Patsy returned from inland lake. They brought back two Golden Plovers.

Bernard Harbor, N.W.T.

June 28. (Mon.)

Golden Plovers - pair shot by Peley.

*415. ♂ Charadrius d. dominicus

*416. ♀ do. Stomach contents: Remains of beetles, aquatic Diptera larvae, subfossil shells, many ca. 15 mm. beetle larvae (Weevils). [in alcohol - H. Johansen].

Long-tailed Jaeger. One brought in by Atsiäluk; ovaries small -

*443. ♂ Stercorarius longicaudus.

Herring Gulls - a few around bay

June 29. (Tues.) Cloudy at 7:00 a.m. Light NW wind. + 38° F. Wind shifted to NE in afternoon. NE in evening, very light.

Packed up cases of specimens.

June 30. (Wed.) Bright hazy. Occasional sunshine. Very light NW wind. Warm.

Kommingualuk (the old "doctor") came over today with boy Kannowak, bringing some fish. Bought about 30 lbs. for 8-inch knife and 10 cartridges (.44); and 20 lbs for 6-inch knife and 5 cartridges (.44).

Also from Kommingualuk one Pacific Loon skin for two knives matches.

Herring Gull - a pair on ice

Bernard Harbor, N. W. T.

June 30. (Wed.).

Eider Ducks — saw several pairs of King Eiders and two pairs of Pacific Eiders in pools on the ice and in broad cracks in the bay. Ice is still solid, but we had to zigzag around quite a bit in order to get across. Could not approach very near to Ducks, but shot one male as they flew on.

#444 ♂ Somateria v-nigra.

Bill orange, fading to yellow towards tip.

Old squaws — shot two males (Harelda hyemalis) on the ice in afternoon. Another female shot today had a full-sized egg in oviduct, but with rather soft shell.

Hoyt's Horned Larks — saw a pair around house.

July 1. (Thurs.) Hazy. Dull sunshine in morning. Cloudy later. Light NW wind. +41° at 8:00 a.m. A warm day: sunshine a good part of the time. Fog at times over water or ice.

Pacific Eider - Patsy shot a female flying over the ice. It had a large egg in ovary.

Lapland Longspur - Nest and two Eggs with ♀ parent brought in by Kokaklok. 55 N/2. *445. ♀ Calcarius l. lapponicus.

Hoyt's Horned Lark - Patsy found a nest near tent.

Numbers of natives came over from fishing lake - Akeatak and wife with two children, Attiji and wife (& child), Kokoklok and wife, and old woman Haiyuk. They brought over a quantity of flesh and half-dried fish. It is quite a nuisance to trade for fish with them. They frequently cache part of

Bernard Harbor, N.W.T.

July 1. (Thurs.). their fish before coming to the house, and bring over only a few. When these are sold they produce a few more, and so on. Sometimes they will try to shift fish from a pile which has already been bought, and sell it over again. Whenever they come over, they expect to spend all day in trading, whether they bring few or many fish

July 2 (Fri.) Cloudy, foggy morning. Warm. Clear most of day. Light East wind. The Eskimos went back to the lake in the evening. Moved two green tents from West beach to dry ground.

Pacific Eiders - ♂ and ♀ shot. #446. ♀ — Somateria v-nigra.

Clear from 12:00 m. to 5:00 p.m.

July 3. (Sat.). Clear 5.00 a.m. and all forenoon. Warm. Light SE wind. Light SE wind all day.

Many flies today. One mosquito seen about 3 miles inland (the first of the season).

Started inland with Wallace and Patsy, to the fishing lake. Took three dogs to pack some photographic gear and collecting equipments. Course to big fishing lake, about straight south across several rather high stony ridges. Tops of hills four or five miles inland, ~~rounded~~ smooth, had flat exposures of dolomite. Loose rocks rather numerous on ground in many places. Very few birds seen.

Duck Hawk. Saw one female flying over. (See also page 201.)

Lapland Longspur - one male seen.

Eiders - a few seen, both Pacific and King Eiders.

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July 3. (Sat.) Phot-Vest Pocket Kodak.

297. V.P. *1/ Pacific Eider and King Eider. Patsy Hungerberg holding Specks. 11-1/25 B.S. 1:30 p.m.

298. *2. ♂ Pacific Eider — 11-1/25 - B.S. 1:30 p.m.

299. *3 ♂ King Eider. do

300. *4 West Lapland Longspur. 2:10 p.m.

301. *5 Eskimo fish-drying rack.
16-1/25 - B.S. 2:30 p.m.

302. *6 do. 11-1/25 - B.S. 2:30 p.m.

303. *7. Eskimo skin tent. Fishing Lake. do

304. *8 do. With small boy named Nukitok and girl Ovilvak.

305. *9. Kaiorauna (Attigi's wife) fishing from Edge of Ice on Lake.
16-1/25 - 3:53 p.m.

306. *2. Mronella (Aksiatak's wife). do.

307. *3 Woman wading from ice to the shore. 16-1/25 - B.S. 4:00 p.m.

308. *4 do.

309. *5. "

310. *6. "

311. *7. Eskimo Children pecking King Eider. 312. *8. do.

July 9. (Sat.)

V.P. Kodatt.

313. #1. Eskimo women cooking over heather fire. 16-1/25-Bs.

314. #2. do.

315. #3. Eskimo woman skinning Duck.

316. #4. Attigi returning from fishing, carrying pack and bow.

317. #5. do.

318. #6. Small Eskimo girl.

319. #7. Akkiatak, Kigiuna and old man returning from fishing.

320. #+. Large Lake Trout, caught by Akkiatak. (Length of fish 36 3/4 in. 933 mm. Weight of head 5 lbs.)

Lapland Longspur — Collected nest 56 N/4, found by Wilkins on June 28th, on which date it also contained four eggs. Incubation slight. Wilkins photographed the nest, together with female parent several times. As we were going home in the evening along the side of creek flowing from the lake, looking for a ford near

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July 3. (Sat.).

the old stone fish traps, saw a Duck Hawk (Falco peregrinus anatum). The Longspur, a female, suddenly darted down and took refuge between my feet, crouching in the grass. The Hawk swooped down within about twenty five yards, then veered away. I fired twice at the Hawk but missed. The Longspur remained a minute or two, then flew back about 100 yards and alighted between Dietrich's feet. He did not disturb her, and after a short time, the Hawk having disappeared, the Longspur flew away.

Fish - the Eskimos at the lake are catching plenty of fish with hooks, fishing through cracks and from the edge of the ice near the shore. There is an area of water all around the lake from ten to one hundred yards wide, and

June 3. (Sat.). the people wade out from the shore at shallow points, and then walk all over the lake, as the ice is still solid. All fish now being caught are Lake Trout (Cristivomer namaycush). They say that very soon the "tarium ekalluit" (salt water fish) will start to run up the creek into the lake, and they frequently go down to the outlet of the creek to look for them. When the fish from salt water start to run (the Salmon Trout Salvelinus malma) the Eskimos will go down to the mouth of the creek where they have traps or pounds built of stones and boulders so that they can spear the fish.

Reached home, about 11:00 p.m. In crossing bay just south of house the dogs made a bee line for house and one dog fell through and got

Bernard Harbor, N.W.T.

July 3 (Sat.) his pack saddle pretty thoroughly soaked including a good part of 200 ft of Cinematograph film, the last of Mr. Watkins' stock, which he exposed today.

July 4. (Sun.) Clear. Strong East wind. Warm. Washed a bunch of clothes today in a pool of water on top of high gravel ridge NW of harbor.

Flowers. A few Pedicularis in bloom the flower-cluster springing out from a whitish, hairy, cotton-like bud. Saw one white Potentilla (?) blossom yesterday; a few small yellow Potentilla seen today. Saxifraga oppositifolia all in full bloom = probably the most widely distributed.

July 4 (Sun.)

Pacific Loons – a pair in creek mouth.
Pacific Eiders – numbers on edge of ice in bay.
King Eiders – ditto, in company with Pacific Eiders.
Old squaws – numbers in bay, in flocks, sitting on edge of ice, or swimming in open leads.
Yellow-billed Loon. Polysticta.
447. ♂ Gavia adamsii. Testes small, about ½ inch long. Stomach contained gravel only.
Semipalmated Plover – Found a nest with one egg, merely a little depression in the sand in low valley at head of bay. The Plover simulated a broken wing to draw me from the nest. Did not disturb the nest, only marked it with a stick so that I can observe period of incubation.

Bernard Harbor, N.W.T.

July 5. (Mon.)

Cloudy a.m. Chilly East wind.
Clear p.m. Warmer.

Seals - Kokoktok returned with two Bearded Seal and three Common Seals. Seal's stomach contained shrimps.

4 ♀ ♂ Phoca barbata - "Ugjuk"
L. 90 inches T. 8 in H-F. 16 in
Shot by Patsy Klingenberg.
Saw one Ugjuk in water in south bay.

Semipalmated Plover - nest photographed today by J.A. Wilkins.

Pacific Eider - Mr Wilkins found a nest with five eggs, on top of high stony ridge between the two bays, about 200 yds. west of the tents.

Black-throated (Pacific) Loon.
One shot in bay by Patsy. Called Mal'le rik or Mallerik Kaktlulik.
This species is called Mallerik in N. Alaska (but not so from Herschel to Baillie Island, where it is called Kak'sauk Katchlulik (the loon

July 5. (Mon.) with a hood). The Red-throated Loon is called Kausauk in Northern Alaska, Mackenzie Delta and in this region.

#448. ♂ Gavia pacifica.

Red-throated loon. "Kaksauk." One shot by K-g. Chipman.

#449. ♀ Gavia stellata.

Arctic Tern (Sterna paradisaea). Kokoktok brought in two fresh eggs from lake, also one fresh Eider's egg. He said he saw two Gull's eggs on island.

Old squaws — many Old squaws and Eiders in bay.

Water in south bay from creek open to abreast of house. North bay (the harbor) tight, with some cracks. The "North Star" loosened in its bed today so that she can be rocked, but still holds by wide part of stay imbedded in the ice. Leaking considerably, and needs to be pumped about 15 minutes every hour.

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July 6. (Tues).

Clear at 8:00 a.m. Fairly strong SE wind. Clear until about 6:40 p.m. Slight rain in evening. Skinned some birds; also a young Bearded Seal (bought in April). Hair of young Bearded Seal light grayish yellow, somewhat fuzzy and curled.

Pacific Eider - Wallace brought in a set of five eggs (fresh), after photographing nest 57N. Kotokhea found Eider's egg on the ice near Cockburn Point.

Bearded Seal = Kotokhea shot a female adult on ice near Cockburn Point.

The "North Star" was chopped from astern tonight, and by means of a cable running over the bow, to anchor in the ice ahead, we hauled her ahead about one foot, using the winch.

July 7. (Tues.)

Clear. Warm. Very light East wind.

Bearded Seal. Kokoktok hauled home the Bearded Seal which he shot last night. The skin on belly was blistered by the sun during the night and early morning and part of Epidermis with hair slipped off. Sword still. N 452 ♀

K. brought sled to false entrance, but could not get past stony point with sled, so we floated and dragged Seal on bottom across bottom & the solid ice. Measurements:

♀ Length tip of snout to tip tail 100 in.
" ♂ Under jaw to mammae. 64.5 in
Mammae to anus 29 in.
Max. length fore flipper 14 in.
" width " " 9 in.
" length hind flipper 17½ in
" width hind " 21 in
Girth behind fore flippers 67½ in.
Eye to Ear 3 in. Eye to nostril 3¾ in.
Eye to mouth angle 4 in

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July 5. (Wed).

Bearded Seal (No. 452), stomach contained many tapeworms and Nematodes.

#450 ♂ Phoca barbata (Shot July 5)

Length tip snout to tip tail	90 in.
" anus to penis	13"
Under jaw to penis	73"
Girth (behind fore flipper)	61½"
Length fore flipper	4."
Width " "	16"
Length hind flipper	21"
Eye to Ear	2"
Eye to nostril	3"
Eye to angle of mouth	3".

Patsy shot a ♂ Bearded Seal and a small Seal which was shedding old hair and had a spotted appearance.

Flowers - about a dozen species in bloom.

Rock Ptarmigan - Shot one male at tip of stony point at entrance to harbor, the only one that has been

July 7. (Wed.) seen near here for some time. Stomach contained leaves and blossoms of small purple "pea-flowers"

Photo 3A.

275. #6. "North Star" on ice. 16-1/50-B.S. 1:01 a.m.

276. #7. do.

277. #8. do.

278 #9. C.A.E. station from NE. do.

279. #10. "North Star" at greater distance.

Spilled. #1. Bearded Seal (dead). 11-1/50-B.S. 2:[illegible] p.m.

" #2. do.

" #3. Nest Pacific Eiders #2-5. 11-1/50-B.S. 2:30 p.m. Nest on hill top among rocks

" #4. Nest of Hoyt to Horned Lark #3-5. Young birds in nest. Nest on ground on low hill top. Both parents seen.

" #5. Nest #4-5. Snow Bunting. About two feet down into entrance of a deserted Spermophile's burrow.

Wilkins took several pictures of Eiders, Larks and Snow Buntings at work

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July 7. (Wed.)

Graflex camera. He obtained good pictures of young in nest, also parents, and parent bird feeding young. Also photo of Snow Bunting's nest in hole in ground, with part of earth removed around entrance in order to show the nest; also Snow Bunting at entrance to nest. The parent birds were rather wild and kept some distance off, but soon became tamer and began bringing back insects to feed the young birds. The young birds were grayish color, harmonizing well with gray moss and lichens on the ground. The young birds kept pretty still until the parents came near, when they would stretch up their heads with open mouths.

Bernard Harbor, N.W.T.

July 8. (Thurs.). Thick foggy morning. Light NE wind. Cool.

Phot 3A. #6. "North Star" on ice (from west). A. Castel caulking bottom. 8-1/25 - Bt. Cloudy. 1:20 p.m.

Glaucous Gull - Patsy Klingle-berg brought in a set of two eggs, fresh with both parents, from small stony island west west tip of Chantry Island. 5/8/2. Both eggs fresh; nest found with two eggs by Kokoktok on July 5th.

#454. ♂ Larus hyperboreus. Iris drab yellow; eyelids orange; feet flesh color - L. 29.125. W. 19. T. 8.25. B. 2.75 Ts. 3.125 Tar. 3.125.

#455. ♀ Larus hyperboreus. L. 27.5. W. 18.375 T. 8.375. B. 2.30 Ts. 2.90 Tar. 2.90.

Pacific Eider - Collected a set 6/11/5. Incubation fresh. Nest among boulders on top of low hill on peninsula. Nest mainly composed of remains of Dryas integrifolia.

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July 8 (Thurs.).

Snow Bunting. Collected nest found yesterday. The birds had come back and broken two of the eggs. Set a small out-eight trap at entrance of hole and caught ♀ bird. Nest composed of grass and feathers, placed about 2 ft. into a deserted Spermophile's hole. Incubation about one-half $\frac{5}{9}$ths.

♂ Bearded Seal, shot July 7th.

Maximum length 95 in.

Tail (?) 8 in.

Tip of under jaw to penis 75 in.

Penis to anus 14 in.

Girth (behind fore flippers) 59 in.

Length fore flipper 12 in.

Width " " 9 "

Length hind flipper 23¼ in.

Width " " 16 in.

Eye to Ear 2¼ in.

Eye to nostril 3½ in.

Eye to mouth angle 3¼ in.

Bernard Harbor, N.W.T.

July 8 (Fri.). Went up along south creek in morning nearly to west end of large lake. Lake all open (no ice). A small stream comes in at upper end (from SW). Saw only one Hay to Horned Lark on upland.

Baird's Sandpiper - saw four near lake. Chipman found nest and 4 eggs.

Black-bellied Plover - one near lake.

Lapland Long spur - one male seen

Pacific Loons - one pair on lake

King Eiders - flock of about twelve on lake.

Old-squaws - a few on lake and a number in harbor.

Herring gulls - two or three in harbor.

Pacific Eiders - a few in harbor along edge of ice.

Clear all night. Calm and warm.

Several species of flowers in bloom.

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July 9. (Fri.). Clear. Light NW wind. Cloudy p.m. Wind NW, fairly strong.

Baird's Sandpiper (Pisobia bairdi) Clufsman and Loftus collected nest of Baird's Sandpiper, with one of the parent birds. Also photographed nest in situ.

Kokoktok and Manijyorama went inland about noon to fishing lake. Issued them 1 small green tent, 1 box .44 cartridges, on acct. Photo 31. #7. Manijyorama and dogs "packing." 11-½0-B.S 12:00 M. #8. do.

July 10. (Sat.) Calm. Warm. Light easterly wind. Clear all day. +35° at midnight, but east wind cold.

Yellow-billed Loon — The cook went out in the narrow bay in canoe south of house and drove two yellow-billed loons up towards mouth of creek and they became entangled in gill-net and he brought them both in alive. Anchored them with cord and stone attached to leg, and Wilkins and I took a number of pictures. They were rather wild at first, but calmed down somewhat. When I put them on the ground, perfectly free, they seemed unable to fly up, but made towards the water, running awkwardly and flapping the wings along the ground. They were very savage, attacking with the long bill at when I tried to lassoo them again.

Bernard Harbor. N.W.T.

July 10. (Sat.)

3A.♯9. Yellow-billed Loons (anchored in Frobisher Water (alive). 11-1/25-BS 4.30 p.m.

♯10. do.

3A.♯1. Yellow-billed Loons near boat.

♯2. do on land.

♯3. do

♯4. do

♯5. do

♯6 do in water. 5:00 p.m.

Three other Yellow-billed Loons seen in bay. The nest is a hollow deep, clear foot or foot-and-a-half.

♯457. Gavia adamsii. ♂ Weight 12 lbs.

Iris reddish brown. Stomach contained nothing but gravel.

♯458-♀ Gavia adamsii. Weight 10 lbs.

Ova about the size of a pea and Bro.

Jaegers - Seen several Long-tailed or Parasitic Jaegers.

Developed several rolls of Kodak films today.

Herring Gulls - several on beach feeding on scraps of blubber, intestines Etc.

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July 10. (Sat.) Eskimos came from Fishing Lake today. They say that the Salmon Trout are running up the stream from the sea to the lake and they are moving camp to the mouth of the creek. Bought about one barrel of fish altogether

From Kogluni Attigi " fish for 1 Colonial Knife.
" Akiaktak " " 32 cartridges (.44)
" Attigi " " 1 box " "

Also some fish from Attigi as present for making a new trigger spring for his rifle.

Bernard Harbor, N.W.T.

July 11. (Sun.).

Clear. Strong East wind. Light wind in evening.

Developed four rolls 3# films. One roll, dated Oct. 13, 1913, spoiled; film stuck to paper, and offset.

Herring Gulls - Wilkins made additional photographs of Herring Gulls at edge of ice with Graflex (telephoto lens).

Jaegers, Long-tailed - a pair around harbor.

Yellow-billed Loons - calling in bay.

Semipalmated Plover - one near house.

Wilkins and Patsy went over to the fishing creek where the natives are camped, to take cinematograph pictures.

July 12. (Mon.)

Clear. Strong SSW wind. Warm +65° at 8:00 a.m. Calm at 7:00 p.m. Light SE wind at 8:00 p.m.

Mosquitoes at the harbor, near the house, for the first time in numbers.

Wilkins and Patsy returned from fishing creek about noon. They say the natives have speared about 60 fish since they were here. The fish run up stream somewhat irregularly, and become impounded in a system of 2 dams and enclosures, in which the natives spear the fish or catch them in their hands. Wilkins says that there is not much system about it, and men, women and children rush about pell mell, splashing in the water half-clad, each one trying to get as many fish as he can for himself — apparently no co-operation about it except in building the stone dams.

Bernard Harbor, N.W.T.

July 12 (Mon.)

Developed twelve rolls of Vest Pocket film

1. Feb. 19, 1915 – (7 pictures good).
2. March 12. " " " "
3. Feb. 21 – " / mostly spoiled.
4. Feb 24 " (7 good).
5. May 8. " (all spoiled. 8).
6. June 9. " " "
7. July 3. " (all good)
8. " " " " "
9. " " " " "
10. Sept. 2. 1914. (all good).
11. March 21. 1915.
12. Aug. 29. 1915.

July 13. (Tues.).

Slightly hazy morning. Warm. Strong wind (gale) from South. Warmest day of season. +75° at 5-00 p.m. in shade. Max. +76° or +77°. Cloudy in evening. Wind low. Mosquitoes pretty thick. Used some of "Abercrombie Fly Dope" which keeps them off for

July 13 (Tues.).

about fifteen minutes, but it soon rubs off from the hands.

The Eskimos here generally carry around a loon skin (usually Black-throated Loon) and use it as a mosquito "swatter", holding it by the neck.

The Eskimos arrived about 10:00 a.m. Willfish.

Brown Bear (Barren Ground Bear). Eskimos reported seeing a large Brown Bear this morning, near the mouth of the fishing creek, but the people who saw it had no gun, and were afraid to tackle it.

Bought fish from Eskimo.

Akkialak, ♂ 4 large fish (av. 6 lb.) 2c each $.24
" 5 " " " " 25 " "
Kalelayut ♀ (Boss) 5 fish 1 lead pencil
Attagi, ♂ 12 fish 1 fish 1 block matches
60 cartridges
Hetkoff ♂, 5 fish (large), 25 cart. .44.
Kannyat boy, 4 fish 2c " "
Kannyatoff ♂. 8 fish 1 colored knife.
1 fish spear 35 cart. .60

Bernard Harbor, N.W.T.

July 13 (Tues.)

The Eskimos who came over today, each with as big a load of fish as they could comfortably pack, wanted little else but cartridges.

Caribou - one seen south of here a few miles by Eskimos coming from the fishing creek. They are getting ready to go caribou hunting inland pretty soon, when the fish stop running. They are drying their Arctic fish in the sun and caching the dried fish in stone caches near the fishing creek.

Developed six rolls Vest Pocket films (April 12, 1914, June 14, June 17, June 27, June 28, July 1914), most of them fairly good - at least the films were in good shape where the exposures were right.

Bernard Harbor, N.W.T.

July 14. (Wed.).

Clear a.m. Strong NW wind. Hazy. Cooler than yesterday. Cloudy p.m.

Three Eskimos came over with a few fish. From Kiginna, 4 fish for 1 hand pail; Nironella, 4 fish for 1 hand pail, 2 fish for 10 .44's; Haiyutok 2 fish for 10 .44's.

Caribou — Patty and Cortney returned from an all day hunt to SW. They saw one Cow caribou (Barrules) with fawn.

Baird's Sandpiper — they found a nest with highly incubated eggs.

Hoyt's Horned Larks — saw young Horned Larks with male parent., able to fly about 50 yards at a time.

Bernard Harbor, N. W. T.

July 15. (Thurs.)

Clear. Strong NW wind.

Four natives came over; bought from Attigi, 14 dry fish for 50 4ℏs.

3 dry fish = 3 4ℏs.

Kaioramna – 12 fish for 1 Enamel pan

4 " " 1 thimble

Hitkok – 7 large fresh fish, 1 Col. Knife.

1 small spear for 1 thimble

Boy – 1 pack fish, for 1 small Knife.

Packed up dry Caribou meat about 700 lbs.

Caribou – Attigi saw two Caribou today and killed one, a bull with horns.

Bernard Harbor, N.W.T.

July 16 (Fri.)

Hazy bright sun. Strong East wind.

The "North Star" floated clear from the ice during the night.

Took down the tarpaulin shed in front of house.

Two Eskimos came over with fish. Bought from Akeeliak 23 large Salmon Trout for 85 .44's. From Kejuina 5 Salmon Trout for 25 44's. After trading, they hung around for two or three hours, and finally one of them stole two gunny sacks that I had washed and hung up to dry. Kejuina also sneaked off behind the hill with a long board, but I headed him off and took it back. He said he wanted it to make fish-spear handle.

Bernard Harbor, N.W.T.

July 17. (Sat.). Hazy sunshine. Chilly strong East wind. Cloudy evening. Calm.

T. Johansen returned from the lake.

Pectoral Sandpiper (Pisobia ~~bairdii~~ Maculata) set of four eggs, incubation advanced in incubation, brought in by Johansen Parent shot with 30-30 and badly torn, only one leg, wing, and tail remaining. W. 4 9/16; T. 2 3/16. Ts 15/16 Tc. 1 1/8. Bare portion of tibia 5/8". Feet greenish yellow.

Semipalmated Plover - visited nest found July 4th. - the four eggs still unhatched.

Herring Gulls - a few in bay.

Hoyt's Horned Lark - one seen near house.

Snow Bunting - one seen.

Mr. K. G. Chipman with Petty as assistant have been making stadimeter survey of harbor at intervals for several days.

Bernard Harbor, N.W.T.

July 18. (Sun.) Clear. Strong northwest wind. Cloudy in evening. Ice moved to East end of harbor, carrying the "North Star" along with it, and grounding her near the entrance of the harbor. Ice crowding up in ridge on west end of Chantry Island.

Entered up photographic record book to date.

Hoyt's Horned Lark – "A young Horned Lark caught by Eskimos here had in its bill a stalk lichen, naked Lepidopter-larva, and a dozen ca. 12 mm. long, white Muscid larvae. H. J."

July 19. (Mon.) Clear. Strong NW wind. The temperature has scarcely varied more than ten degrees the past week.

Baird's Sandpiper – Hulkkok brought over three downy young – for 6 4 ♦'s.

*460. Pisobia bairdi juv. ♀ (2)
*461. " " " (2).
*462. " " " (2).

Hoyt's Horned Lark – one caught by Eskimos – able to fly some distance.
*454 ♂ Otocoris alpestris hoyti. juv.

Bernard Harbor, N.W.T.

July 19. (Mon.)

Semipalmated Plover — visited nest found July 4th, and found one egg pipped.

Eskimos came over with fish.

Aksiatok — fish for .44 cartridges

Attigi — " " " "

Hitkok — 4 " " 1 small thimble.

Igliherk — 5 " " coffee can.

Hualok (boy) — fish for 7 44's.

Hitkok and Igliherk hung around all afternoon to see what they could steal. Igliherk finally stuck an aluminum bowl under his coat. He did not want to give it up, and I had to wrench it away by force. He acted in a similar way when he tried to get away with a pair of scissors last month. He is one of the biggest men in the band about 5 ft. 10, and weighing probably over 190 lbs, with a rather overbearing manner.

July 20. (Tues.) Thick fog at 7:00 a.m. Clear 8:30 a.m. Strong NW wind. Calm in evening.

Caribou — Attigi, Akudak and Hualx came in today. They had been hunting all night to the westward, south of Cockburn Point. They said they saw many Caribou along the beach but killed none.

Baird's Sandpiper — Four downy young specimens brought in by Akudak. #463 - Pisobia bairdi Sex? #464. do. Sex?

Hoyt's Horned Lark. #465. ♂ juv. Caught by Akudak, and bought for a .44 Cartridge.

Semipalmated Plover - nest of July 4th. had two eggs pipped at 10:00 a.m. Parent bird came up within two feet of us, uttering a low note.

"North Star" was hauled free again in afternoon. Most of the ice has drifted out of the harbor. The outer harbor is nearly free of ice to small island west of Chantry Islands.

Bernard Harbor, N.W.T.

July 20 (Tues.)

Akeeaktak stayed around until about 1:00 p.m., when I saw he was wearing a new pair of pants of light grey jean (London Cloth) from a piece which was stolen from here two days ago. I accused him of stealing it and put him out of the house. I didn't take them away as he apparently had nothing else under them. He went up behind the hill and took off the pants, and later I heard him shouting, while waving the pants in the air. He ripped out all the seams, very coarse basting stitches and hung the cloth on a tent guy-rope when he left.

Photo 34.

321. Mr. House. Bernard Harbor from S. 8 - 1/50 - Bs. 3:30 p.m.

322. #2. Station, from hill (to N(W)). do.

323. #3. Fish drying rack. do

324. #4. Expedition tents. Edgington tents (London) - 3 types do.

July 20. (Tues.)

325. [15] T.G. Chipman taking solar observation. do.

326 [16] Bernard Harbor (to East) from hill. do.

"North Star" sailed around harbor several times to get engine working, then went out through channel into outer harbor to dredge for Mr. Fredy Johansen. Depth averages about six fathoms in outer harbor. They brought up Sea Urchin (Strongylocentrotus drobachiensis), Shrimps (5 or 6 species, marine worms, ~~Nematodes~~ Nemerteans, Snails, mussels, Sea-cucumbers, Yoony Sculpins and (Hump-backers?) Kelp (Laminaria and smaller hair-like species).

Wilkins, Chipman and Petray started over to Fishing Creek after supper with Peterboro canoe. They found that the Large Salmon Trout have stopped running now, but large numbers of small Salmon Trout

Bernard Harbor. N.W.T.

July 20. (Tues) (about 2 miles long). in stone traps in creek. They waded in the water and caught the small fish in their hands. They ate a good many raw as fast as they caught them, heads, intestines and all. The party reached home about 1:00 a.m. after making a wide detour around near the west end of Chantry Island, to get clear of a mass of young ice which had formed in the evening. They had to paddle through some glassy young ice, and without noticing it cut through the sides of the canoe badly. Just after passing through the entrance to harbor, the canoe began to sink and by strenuous they bailed the canoe, just as it was nearly full.

Calm at midnight. The thermometer in stand stood at 37° F. but young ice was forming in bay.

July 21. (Wed.) Clear. Light East wind. Took down the "North Star" spars from rack and put up scantlings in their place.

Flowers - saw a few Yellow Poppies (Papaver) in bloom, the first of the season. Two species of Pedicularis are quite conspicuous.

Kotoktok came over about 9:00 p.m. bringing a large pack of dried fish (Salmon Trout), 27 fish, 56 lbs.

Semipalmated Plover - Went to nest found July 4th. Two eggs are still unpipped. Saw one young bird running away very fast, the other young bird was not seen. I chased the young bird and it soon crouched down on the sand, when it was very hard to see. The female parent returned to the nest, while the male kept near the young bird, and brooded over it occasionally. After I caught the young bird, the male came

Bernard Harbor. N.W.T.

July 21. (Wed.) and touched my hand which I was holding over the young bird. #466. Aegialitis semipalmata Jr. Took several pictures.

(327) 3A- #1. ♂ Semipalmated Plover, trying to attract attention from young 11-30-B.S. 10:00 a.m.

328. #2 ds

329. #3 Downy young. Semipalmated Plover. 11-30-B.S. 10:00 a.m.

330. #4 do.

The old man and old woman Hai'yuk'ok came over with fresh fish. Bought 10 dry fish and a mess of small fresh Salmon Trout for a #1 bag. Also 3 dry fish for 15 .44's. These small Salmon Trout are very delicate eating. Kokoktok also brought dry fish.

Semipalmated Plover - one egg and one young bird in nest about 11:00 p.m.

#467. Aegialitis semipalmated. ♂.

Bernard Harbor. N.W.T

For July 22nd, see next page.

July 23. (~~Thurs~~ Friday). Hazy. Clear day. Strong wind from SW. (22 miles per hour at 8:00 a.m.). A wind from S or SW seems to bring a hazy appearance in the sky here (in midsummer). The wind suddenly hauled to WNW about 3:00 p.m. - a sudden gale. "North Star" dragged anchor and went aground slightly near East end of harbor (south side). But we all went on board and succeeded in Kedging off. Anchored near west end of harbor. Strong west wind all evening.

Yellow-billed Loons - pair flew over.

Herring Gulls - two or three seen.

Old-squaws - flocks in harbor, some of them apparently unable to fly.

Eider Ducks - flock of females flying over, back and forth between bay.

Hoyle Horned Larks. Large young birds seen.

Bernard Harbor, N.W.T.

July 28 (Thurs).

Clear a.m. Cloudy p.m. Light East wind. Wind South in afternoon hauling to SW about midnight. Mosquitos pretty numerous today.

Kokoktok and Maniggoranna and Kanungjuk and wife Kalidjuk ("Blubberface"), with small boy and girl came over bringing about 30 fish.

Dry fish (large Salmon Trout) on hand up to last night 230 fish
+ 30 today = 260 total.

Spheroplute - one caught by Maniggoranna's dog. #472. ♂
442 - 140 - 65.

Lapland Longspur. (No 473. fem.) caught by Kanuaiak.

471. ♀ fem. Lapland Longspur (from Kokoktok). July 21st

470 fem. Sex? Lapland Longspur (from Kokoktok, caught July 21st)

Baird's Sandpiper. #468 - #469 fem. Caught by Patsy Klengenberg

July 24. (Sat.)

Clear a.m. Strong N.W. wind. (29 miles per hour at 8:00 a.m.). Lighter wind in afternoon, and musquitoes came out again pretty thickly.

Got out some stores for Mr. Wilkins — ammunition, etc.

Hoyt's Horned Larks — two or three large young birds around the house — about full grown and able to fly.

Murdoch and boy Kannowak and Kuksuk and boy came over from Murdoch's camp, bringing 39 large fish and a few small ones, also Two Yellow-billed Loons

Yellow-billed Loon — #477. ♂ Gavia adamsii. Shot in neck with rifle. #478. ♀ do. wing broken. Stomachs contained fish bones and gravel.

Bernard Harbor. N.W.T.

July 25. (Sun.)

Strong SE wind in early morning. (39 miles per hour). Strong SE at 8:00 a.m. shifting to NW about 9:00 a.m. with sprinkles of rain. Ice opened up a little to northward. Wind blew hard all day (28 miles at noon). Ice drifting fast to Eastward. Sprinkles of rain in forenoon. Wind lowered in evening; somewhat foggy.

Boys brought in two small buds: Lapland Longspur. 474 ♂ juv. Baird's Sandpiper. *475. juv. Specimen preserved in alcohol: *476. Pisobia bairdi. (alcoholic). Downy specimen but with long pin quills (primary) with little tufts at end of each.

Bought some fish from the natives. The men loafed around the place all day and sent the small boys back for the fish. Some were fresh, just taken from the fish traps, but some half-dry

July 25 (Sun.). fish were a little rotten. I thought at first that they were fish which they had cached behind; but later suspected that they were taken from the local natives' caches at the Fishing Lake.

July 26. (Mon.) Slight fog. Strong NW wind. Rain falling in fair-sized drops for a short time at 8:00 a.m. (the first real shower of the season). Wind N.W. later in forenoon; stronger in afternoon, quite a gale. Fog and rain in afternoon. "North Star" dragged her anchor at west end of harbor, and grounded on south side (near Capt. Bernard's old rack site). Hauled her off and steamed further in. Took launch around through Channel to SE side of peninsula. The gale stirred up a surprisingly heavy

Bernard Harbor, N.W.T.

July 26. (Mon.) sea in the little harbor.

The two men Ittokot and Kippat have been here three days & sent the two boys over to the fishing creek yesterday and they came back today with twenty big fish.

#479. Baird Sandpiper juv. Feathers starting on sides. Pri-guills on wings rather long with brownish tips.

#480 Lapland Longspur juv.

July 27. (Tues.) Cloudy bright. Strong N.W. wind all night and throughout the day. Ice all solid to the north. Rather cold in the evening, and noticeably darker at midnight.

We finally got the natives to go after telling them repeatedly that we would buy no more fish at present, as long as they persisted in sleeping around the station.

July 28 (Wed.) Cloudy. Rather strong N.W. wind (28 miles per hour at 8:00 a.m.). A few thin snowflakes flying at intervals all morning.

A new bunch of natives arrived about noon with one of his wives Kukiaktok and one boy Ikolak (alias Mukpaungak), also Ulotok, and another man Amiguilut and his wife Kreyuk. The latter couple have not been here before.

When the natives left last night or early this morning (while we were asleep they took off a piece of green tanalite ca. 18'x10' with stove pipe hole from the large 18'x18' piece which we had loaned them to sleep under. They stole the larger piece and spread out the remainder so that we did not notice the deficit until after they had been gone for some time. The other natives told me that Kukpak had stolen the cloth.

Bernard Harbor, N.W.T.

July 28. (Wed.)

Hoyt's Horned Lark. #481. ♂ juv. about full-fledged, from Ukotok. Snow Bunting #482. ♂ juv. about full-fledged; tail short. From Kreyuk. A male Snow Bunting flecked on window-sill today, about two feet from me. He was still in full summer plumage. The female was also seen quite near: plumage apparently unchanged.

Pacific Eider (Somateria v-nigra) Several large flocks of males going west today - the first which I have seen going west. Saw one flock of about fifty going over bay to north of house. I have seen no male Pacific or King Eiders before, for about two weeks, although females have been seen almost every day.

Johansen, Chipman and Castell took the launch and dredging east of harbor - and got a few Ophiuroidea and other things. The launch

July 28. (Wed.). leaked rather badly and we hauled her up on the beach later in the day. the seams had apparently started when the "North Star" shoved her up against the beach the other day.

Wind lowered a little in evening 20 miles per hour at 6:00 p.m. and less later in the evening. Ice is pretty heavy around Chantry Island.

July 29. (Thurs.). Clear. Fairly strong NW. wind. Cool. Calmer in evening. "North Star" was moved down near house and distillate, etc. loaded.

Eskimos left in afternoon. Plot 34.

331. #5. Kuktiktuk packing dogs. 8-1/50-Bs 5:30 p.m.

332. #6. Kuktiktuk and Ulukseak.

333. #7. Amigaliuk and Kreyuk packing dog.

334. #8. Eskimos leaving station &

Bernard Harbor, N.W.T.

July 29. (Thurs.)

335. ♂ 9. J. H. Wilkins (portrait. 11-1/30-B.S. 5:30 p.m.

336. ♂ 10a P. M. Anderson. (Exp. by J. H. W.)

Pacific Eider — many large flocks of males going west, principally in the evening, mostly going through the harbor entrance, then following the north shore of the bay. Potted two males, both with heads and necks partially "Eclipse" — dark feathers showing up among the white and green of head, and a few dark brownish patches appearing in white of back.

483. ♂ Somateria v-nigra. ("Eclipse")

484 ♂ " " "

King Eiders — a few flocks of males going west.

Old-squaws — many large flocks flying around bay, some going west.

Yellow billed loon — a pair flew over the station, low down, between the two bays.

Bernard Harbor, N.W.T.

July 30. (Fri.)

Clear. Light SE wind. Calm in evening. A few Eiders flying west. Finished up reports in forenoon. Moved large store-tent in afternoon, pitching it just west of house, in line with house, so that it will not start a snow-drift.

Snow Buntings - several young and old birds feeding together on scattered rice grains on the ground around flour and rice cache.

Hoyt's Horned Larks - both old and young birds feeding on rice around cache.

Old-squaws - a few flying.

Bernard Harbor, N.W.T.

July 31. (Sat.). Cloudy all day. Sprinkles of rain at intervals. Wind SE in morning, hauling to SW in forenoon, and to NW in afternoon.

Sons Bentzes saw old and young Hoyt's Horned Larks do.

#485. ♂ Otocoris alpestris hoyti. ad. moulting, with but two long tail feathers.

Aug. 1. (Sun.). Cloudy bright morning. Strong NW wind. Cool. Brgs light NW in afternoon. Calm late in morning. Very light air from East about 11:00 p.m.

Went over to Fishing Creek with launch in the afternoon. Saw no fish in Creek or in traps, although we saw some in salt water just outside, behind the island. The motor bucked considerably. Johansen got a few young Scalpins.

Wilkins, Chipman, and Crawford

Aug. 1. (Surv.)

sounded a channel to Eastward — Deep water all along south side of Chantry Island. They could only get about half a mile East of Chantry Island, finding ice solid from East tip of Chantry Island to point on mainland to SE. Ice very solidly packed to Lambert Island and Eastward. There is a channel behind the little stony island SE of Chantry Island deep enough for the "North Star". This island has been considered as a peninsula heretofore.

Yellow-billed Loons — saw quite a number, flying around in twos and threes, south of Chantry Island

Pacific Loons — two or three flew.

Glaucous Gulls — one pair seen near small island. Some old nests appeared to be deserted

Pacific Eiders — a few males seen alone. Numbers of females in flocks

Bernard Harbor, N.W.T.

Aug. 1. (Sun.) Saw an adult male feeding fully-fledged Young on bank of fishing Creek. The female was also seen, plumage still unchanged.

Old squaws many large flocks about half of them unable to fly. Shot eight in afternoon and Patsy shot six more in the morning. Wing feathers usually with only the quills.

Aug. 2. (Mon.) Clear. Brisk eastward. Calm in morning. Cloudy in afternoon and evening.

Shot several Snow Buntings and Hoyt's Horned Larks.

488 ♀ Otocoris alpestris hoyti. jun. with patches of reddish adult feathers showing on bend of wing.

489. ♀ do. jun.

490. ♂ " "

Aug. 2. (Mon.)

491. ♂ Otocoris alpestris hoyti. juv.

492 ♂ Plectrophenax nivalis ad. with some quills shed on one wing; reddish brown around bill.

493. ♂ do. adult.

Pacific Eiders — several flocks flying around, mostly females, but with a few males among them. A. Castel found a nest with three highly-incubated eggs near Hutchwat's summer cache on small stony island south of Chantry Island.

Old squaws — all those shot yesterday which have shed wing quills were adult males, with the long central tail feathers still in. Female Old squaws seem to have the full complement of wing and tail feathers.

Seals — Castel and Petty shot three seals among the big ice cakes, but they all sank within a minute or two. We are out of dog-meat now, and had to feed some dog-fish, fish bones, etc.

Bernard Harbor, N.W.T.

Aug. 3. (Tues.)

Cloudy and foggy all day. light East wind in morning. Calm at noon. Sprinkles of rain during night and during day. Very high tide at noon, rising on beach to Eight feet inside of former high tide stick. Cloudy all day.

Seal- Castel and Patsy shot one large Seal in the water among the ice floes.

Old-squaws- a few flying.

Pacific Eiders- a few flying. One male found dead, probably had been wounded.

#487. ♂ Somateria v-nigra; head and neck mostly brown, very few green feathers.

Bernard Harbor, N.W.T.

Aug. 4. (Wed.). Clear. Light East wind. Warm. Mosquitoes fairly numerous.

Went up to lake at head of little creek, and saw only nine birds altogether. Ice seems to be pretty light as far as one can see in any direction.

Herring Gull – one near mouth of creek.

Snowy Owl – one on hill, nearly white

Lapland Longspur – one male seen.

494. ♂ Calcarius L. lapponicus.

495. ♀ Pisobia maculata. – Saw three on wet tundra near head of creek; rather wild, – and flying in great sweeps. Shot one, which was very fat.

496. ♂ Pisobia bairdi. 447. ♂ do.

Saw three. Shot two; very fat.

Seals – Castel and Patsy got one in afternoon and Cockney one in the evening.

Cloudy in afternoon. Very light East wind in evening with sprinkling rain about 10.00 p.m.

Bernard Harbor N.W.T.

Aug. 5. (Thurs.). Cloudy in morning. Light NW wind. Slight rain in forenoon. Clear from 12:00 to 2:00 p.m. Wind west. Wind East later in afternoon; SE, and S at 8:00 p.m. Rain for about half an hour; very large drops. Wind across creek and around late south of bay in afternoon. Saw only two birds - Lapland Longspurs, and shot one female:

498. ♀ Calcarius l. Lapponicus.

Pacific Loon - Saw two Pacific Loons off the point in late afternoon. Shot one with Mannlicher through the neck. Took out the skin, bid arka and capsized in it, but fortunately in shoal water. Recovered loon later in launch.

499. ♂ Gavia pacifica.

Horned Larks - two or three young around the house.

Seal - saw one near point. Very tame.

Bernard Harbor, N.W.T.

Aug. 6. (Fri.). Clear. Fairly strong NW wind all day.

Paaf. Loon one around point, apparently looking for its mate which was shot there yesterday

Hoyt's Horned Lark one caught by Patsy today. ♯500.♀ Otocoris a. hoyti

Ravens - three or four seen near point East of house.

Dog ran away with skin of female King Eider after I had spent about half a day removing a mass of fat from the greasy skin.

Bernard Harbor. N.W.T.

Aug. 7. (Sat.). Clear. Light East wind, very slight in afternoon.

504. ♀ Otocoris alpestris hoyti. ad. (Shot Aug. 6th).

501. ♀ do. Juv. (Skinned by Petry).

Ravens — saw five Ravens feeding on blubber near point. Went over after them, but they flew before I was in range. They flew over South of house and Petry dropped me

562. ♀ Corvus corax principalis (moulting).

Old squaws — numbers in the bay.

Snow Buntings — old and young around the station.

Pacific Loon. K.G. Chipman shot a male; very fat. Stomach full of small fish — probably Sculpins.

The launch went East six or seven miles in afternoon to inspect ice conditions. Ice was very light East of Chantry Island except a little loose ice along

Aug. 7. (Sat.)

the beach. A vessel like the "North Star" could not go along near the beach without poking the ice off.

Little Brown Crane - Wilkins and Chipman saw four on the mainland south of Charity Island. I have seen no Cranes here this season. The only Cranes seen this year were near the mouth of Croker River in May.

Bernard Harbor, N.W.T.

Aug. 6. (Sun.)

Cloudy. Fair East wind. Ice moving.

Snow Buntings - young buds around house.

Hoyt's Horned Larks - young buds around house.

Ravens - two or three heard.

Pacific Eiders - a very large flock, mostly females, over one hundred females with two males, circled around harbor in the forenoon, going west. In the afternoon, one male with three females were in the water amongst floating ice, near point East of house. Two flocks flew over, and I dropped two females

#505 ♀ Somateria v-nigra. Weight 5 lbs.

#506 ♀ " "

King Eider - Mr. Clapman shot three females out of a flock which flew over the point going west about 9:00 p.m. Patsy shot one female

Bernard Harbor, N.W.T.

Aug. 8. (Sun.)

in the afternoon. No male King Eiders seen.

Went up on top of highest hill to SW in the evening and walked entirely around the long lake, with butlet & west. Saw only a few buds.

Lapland Long spurs - three or four in grass around lake.

Snow Bunting - one adult on rocky point of lake.

Buird's Sandpipers - two seen near lake.

Yellow-billed Loon - one flying over lake. I had suspected a nest here, as loons have often been seen flying around here. I followed the bank of the lake closely, but saw no signs of a nest.

White Fox - fresh tracks on sandy shore of lake.

Seals -

Bernard Harbor, N.W.T.

Aug. 8. (Sun.)

Seals - Castel and Patay shot two seals (small ones) in the afternoon, and brought them in canoe. Four others were shot but they sank. They go out in Peterboro and sit down on a large cake of floating ice in the outer harbor. Here they wait for seals heads to appear in the water. As the ice is drifting about, it is impracticable to mark the spot where seal sank, as the ice carries away buoys.

In the evening they went out again and with a grab hook recovered a large Seal which they had shot in the afternoon, and also got another small Seal.

Wind very slight in afternoon and Evening, Northeast and East.

Ice - apparently solid east of Chantry Island. There is a narrow lead of open water and loose ice about one mile off shore

Bernard Harbor, N.W.T.

Aug. 8. (Sun.)

north of here, and extending S west beyond, and a little outside of reef off Coetburn Point. Quite a bit of water along shore west of Coetburn Point

Bernard Harbor, N.W.T.

~~Aug.~~ 9.
~~July~~ 9.
(Mon.)

Cloudy bright morning. Warmer. Very light E. & NE winds, about one mile per hour.

Eider Ducks - a large flock of female Eiders flew west about 10:45 a.m.

The ice appeared to be opening up a little to northward east, and we decided to go out with the "North Star" in the afternoon. We may not be able to go any farther than the East end of Chantry Island, but from that point we may see a chance to slip ahead a little to the Eastward if the ice slacks off from the shore a little.

The "North Star" had been loaded preparing Eiders, and we put with tents, sleeping bags and dogs on board and sailed from harbor about 4.35 p.m. On board were K. J. Chipman, J. H. Wellman, A. Castel, Jos. Crawford, and myself. The "North Star" will land Chipman and myself

Aug. 9. (Mon.). with the launch at Cape Barrow, where we hope to meet J.J. O'Neill and J.R. Cox. Then the "North Star" will start west to Herschel Island.

Jas. Sullivan "Cockney", the cook, stated that he was bound to go East on the "North Star" and then to Herschel Island as he was tired of his job. Refused to let him on the grounds that it was too late in the season for a reasonably sure chance of the "North Star" getting back to Herschel Island after the Coronation Gulf cruise, in time to catch a whaling ship going out (provided even that any ships come in). If the season is late, Mr. Voltmer may decide to sail across to Banks Island direct from Baillie Island, and the Northern Party has no particular use for Sullivan's services.

Bernard Harbor, N.W.T.

Aug. 9. (Mon.)

Furthermore, if no ships come in, we have no grub at Herschel Island, and the Royal North West Mounted Police detachment there would be castaways to care for, and I am responsible to see that he gets out safely, which I can not guarantee if I discharge him here. The fact that his quitting would compel us to leave the station unguarded except for Mr. Frits Johansen and the boy Patsy Klingenberg, he does not consider. He has done pretty good work the last part of the year, a distinct improvement over the early part of the year, and the main trouble seems to be restlessness in a job which he can not run away from as he has been accustomed to do in his earlier career. Left him at the station. Mr. Frits Johansen.

Aug. 9. (Mon.)

marine biologist and naturalist, in charge of the Station and Expedition property, with Polly Klingenberg as Assistant. Sullivan was sulky and said he would not cook after we left.

Left a letter with Mr. Johansen for Captain O. Sweeney of the "Alaska", directing him to go ahead with house-building (an addition to house), also if weather and ice conditions were favorable, to run back some distance and get up some driftwood timber for house supports and for racks, also as much driftwood as possible for fuel. Directed him if weather conditions permitted him to do so without danger to take Mr. Johansen out with him on the "Alaska" and permit him to do some bottom dredging and sounding in the Strait.

Bernard Harbor. N.W.T.

Aug. 9. (Mon.).

Sailed out about 4:35 p.m. There was a little loose ice just at harbor entrance, but the outer bay was clear. Reached end of long narrow, stony bar island which projects out a little east of the East end of Chantry Island, about 6:30 p.m., and anchored on the west side, as ice was heavy outside. Broad leads were visible, however, outside the Chantry Island reef, and the ice was moving. Divided off watches 8:00 p.m. to 12:00 (Castel). 12:00 a.m to 4:00 a.m. (Anderson). 4:00 - 8:00 a.m. (Wilkins).

Castel, Chipman and I will stand deck watches, and Crawford and Wilkins will take shifts in the engine room.

Pacific Eiders - numerous flocks flying west all night, mostly females, but occasionally

Aug. 4. (Mon.) a male or two in a flock. Mr. Chipman went ashore on the reef and shot one female Pacific Eider.

Pacific Loon – several seen, and Chipman shot one.

Strong East wind all night, raw and chilly.

(See page 269 for Equipment and provisions taken)

[Phoca hispida].

Seals- Notes from D. Jenness:-

Baby seals had been born before April 7th, in the year 1915, Dolphin and Union Straits.

Bearded Seals [Phoca barbata] West of the Kkullik Is. (Liston and Sutton Islands) there are said to be few or no bearded seals. The best localities for shooting them on the ice are at the mouths of large streams, e.g. the stream 12 miles west of the station at Oqaujarvik and Epiullik on Victoria Island. (D. Jenness).

Equipment taken East. Aug. 94.

Rifle (R.M.A.) Gibbs Mannlicher .256.
Cartridges 50 Ex. 50 S.P.E. 50 Soft nose

Rifle (K.G.C.) Ross .280
Cartridges

Shotgun (R.M.C.) 2-ga. D.B.
Shells 75 #6 Shot. #75 #2.
50 bird shot.

Shotgun (K.G.C.). 12-ga.
Shells. 12 ga. 100 rounds.

Collecting Gear.
Tools
Cotton
Alcohol
Sawdust, for fat skins.

Ugyuk lines 3.
Cod-lines.
Fish-net, sinkers and floats 5 meshes.
Canvas for repairing canoe
Tacks " " "

Ugyuk skin, for umiak
Seal pokes, four.
Salmon Trout - 1 lb. tall
Boat thread 1 " "

Equipment for Survey Trip

Cotton twine, 1 ball.
Seal Spear
Tobacco - 5 lbs.
Cameras - 3A and Vest Pocket.
Field Glasses - Zeiss x6.
1 Machete. 1 Snow knife 14 in.
Launch cover.
Films for V.P. Kodak.
" " 3A "
Hatchet.
2 Axes.
Keyhole saw.
1 hand saw.
Grub-box and cooking gear for two.
Green tent 8'x8' - 4 alleping bags.
Candles.
Matches.
Rope-sack.
1 Pack straps (K.G.C.).
2 Dog pack saddles (Seal skin).
1 Camp stove and pipes.
1 Primus stove
2 bottles Alcohol for primus

Equipment for Survey trip

1 Gasoline launch 26 ft. 7 H.P.
Gray engine. + oars
1 Peterboro canoe. + paddles
Gasoline 10 Cases 10 gals.
Naptha Distillate 5 " 50 "
Engine oil 1 can.
Tools (for engine).
Spark Plug.
Painter and Anchor.
Cup grease
Bailer.
Oil for Commode.
Chipman's Topographical
Surveying Equipment, transit,
Etc. Log book
Clothing Bags. (R. M. A. and
K. G. C.)
Kerosene 1 Case. 10 gals.
3-in-1 Oil - 1 bottle.
Launch - mast, sail and
Yard.

Grub for Survey Trip. - 4 men 57 days.

Ramsay Biscuit	100 lbs.
Rice 25# + 27#	52 "
Sugar 1 sack	50 "
Pemmican 1 case	48 "
Pea Meal	15 "
Beans	25 "
Lard 2 pails	20 "
Malted Milk	25 "
Fruit, (Apples and Cranberries)	25.
Chocolate 8 Cakes	20 "
Tea Tabloid 15 oz.	
Baking Powder	4 "
Flour 2 sacks	100 "
Cocoa	2 "
Salt	2 "
Pepper.	¼ "
Dried Onions	5 "
Dried Caribou meat	50

To be cached.

Flour	2 gunnies	200 lbs.
Pemmican	1 case	48 "
Sugar	4 boxes	48 "
Baking Powder		4 "
Rice	1 sack	50 "

Land Wk

Coll. No.	Sex.	Species.	Locality	Date.
357.	♀	Falco per. anatum.	Bernard Harbor, N.W.T.	Sept. 9. 1914.
358.	♀	Falco islandus	" " "	" "
359.	♂	Acanthis sp.	Cape Lambert, "	March 1, 1915.
360.	♀	Canis	Coppermine River. "	Feb. 10, "
361.	♀	Thalassarctos maratimus	De Witt Clinton Point "	May 7. "
362.	♀	Citellus parryi	" " " "	" 11, "
363.	♂	Otocoris a. hoyti.	Wise Point "	" 21. "
364.	♂	" " "	" " "	" " "
365.	♂	Helminthophila celata.	Hope Point, "	" 23, "
366.	♀	Vulpes l. innuitus	Bernard Harbor, "	Sept. 23, 1914
367.	♂	Citellus parryi	" " "	May 29. 1915.
368.	♀	" "	" " "	" " "
369.	♀	" "	" " "	" " "
370.	♀	" "	" " "	" 30, "
371.	♀	" "	" " "	" " "
372.	♂	" "	" " "	" 28. "
373.	♂	Rangifer sp. juv.	" " "	June 6, "
374.	♀	" " 1yr.	" " "	April 3. "
375.	♀	" " 1yr.	" " "	" " "
376.	♀	Citellus parryi	" " "	June 6. "
377.	♀	" "	" " "	" " "
378.	♂	Lepus a. canus (skull)	" " "	Spring. "

Coll. No.	Sex.	Species.	Locality.	Date.
379.	♀	Citellus parryi	Bernard Harbor, N.W.T.	June 7. 1915.
380.	♀	" "	" " "	" " "
381.	♀	" "	" " "	" " "
382.	♂	" "	" " "	" " "
383.	♂	Calcarius l. lapponicus	" " "	" 11, "
384.	♀	Squatarola squatarola.	" " "	" 3, "
385.	♂	Citellus parryi	" " "	May 20, "
386.	♀	" "	" " "	Sept. 27, 1914.
387.	♀	" "	" " "	May 20, 1915
388.	♂	" "	" " "	" 16. "
389.	♂	Dicrostonyx sp. (skeleton) 110-11-17	" " "	Oct. 3, 1914
390.	♂	Lagopus l. lagopus	" " "	Feb. 7, 1915.
391.	♂	" " "	" " "	" " "
392.	♀	Nyctea nyctea	" " "	1914.
393.	♀	Larus hyperboreus juv.	" " "	"
394.	♀	Somateria v-nigra	" " "	Sept. 24, "
395.	♀	" "	" " "	" " "
396.	♂	Branta can. hutchinsii	" " "	June 17, 1915
397.	♂	Charadrius d. dominicus	" " "	" " "
398.	♀	Rangifer sp. jov.	" " "	" 12, "
399.	♂	Aegialitis semipalmata.	" " "	" 19. "
400.	♂	Pisobia bairdi	" " "	" " "

Coll. No.	Sex.	Species.	Locality.	Date.
401.	♀	Calcarius l. lapponicus	Bernard Harbor, N.W.T.	June 19, 1915.
402.	♀	Larus argentatus thayeri	" " "	" " "
403.	♂	" " thayeri	" " "	" " "
404.	♂	Gavia stellata	" " "	" " "
405.	♀	Rangifer sp. 1yr.	" " "	April 3, "
406.	♀	" " "	" " "	" " "
407.	♂	Squatarola squatarola	" " "	June 22, "
408.	♀	Micropalama himantopus	" " "	" " "
409.	♂	Plectrophenax nivalis.	" " "	" " "
410.	♀	Arenaria interpres morinella.	" " "	" " "
411.	♂	Calidris arenaria.	" " "	" " "
412.	♀	Rangifer sp. jur.	" " "	" 23, "
413	♂	Somateria spectabilis	" " "	" 25, "
414.	♀	" v-nigra	" " "	" " "
415.	♂	Charadrius d. dominicus	" " "	" 28. "
416.	♀	" " "	" " "	" " "
417.	♀	Stercorarius longicaudus	" " "	" " "
418.	♂	Lepus arcticus canus	" " "	Nov. 1, 1914.
419	?	" " " (blue)	Coronation Gulf.	Winter, 1914-15.
420.	♀	Vulpes lagopus innuitus	Bernard Harb., N.W.T.	Nov. 13, 1914.
421.	?	Lepus arcticus canus	" " "	May 17, 1915.
422	♀	Lagopus l. lagopus.	" " "	March 25, 1915.

Coll. No.	Sex.	Species.	Locality.	Date.
423.	♂	Lagopus L. Lagopus	Bernard Harbor, N.W.T.	March 30, 1915.
424.	?	Vulpes L. innuitus	" " "	Fall, 1914.
425.	?	" " " jur.	" " "	" "
426.	?	Putorius sp.	" " "	" "
427.	?	" "	" " "	" "
428.	?	" "	" " "	" "
429.	?	" "	" " "	" "
430.	?	" "	" " "	" "
431.	?	" "	" " "	" "
432.	?	" "	" " "	" "
433.	♂	Lagopus r. rupestris	" " "	Sept. 23, 1914
434.	♂?	" " "	" " "	Oct. 1, "
435.	♀?	" " "	" " "	" " "
436.	♀	" " "	" " "	Sept. 30. "
437.	♂	" " "	" " "	Oct. 1, "
438.	?	Putorius sp.	" " "	Spring. 1915
439.	?	" "	" " "	" "
440.	♀	Xema sabinii	" " "	June 26. "
441.	♂	Squatarola squatarola.	" " "	" " "
442.	♀	Charadrius d. dominicus.	" " "	" 26 "
443.	?	Gavia pacifica.	" " "	" 26 "
444.	♂	Somateria v-nigra.	" " "	" " "

Coll. No.	Sex.	Species.	Locality.	Date.
445.	♀	Calcarius l-lapponicus.	Bernard Harbor, N.W.T.	July 1, 1915
446.	♀	Somateria v-nigra.	" " "	" 2, "
447.	♂	Gavia adamsii	" " "	" 4, "
448.	♂	" pacifica	" " "	" 5, "
449.	♀	" stellata.	" " "	" " "
450.	♂	Phoca barbata.	" " "	" 4, "
451.	♂	" "	" " "	April, "
452.	♀	" "	" " "	July 6, "
453.	♂	Lagopus l. rupestris	" " "	" 7, "
454.	♂	Larus hyperboreus.	" " "	" 8, "
455.	♀	" "	" " "	" " "
456.	♀	Plectrophenax nivalis	" " "	" " "
457.	♂	Gavia adamsii	" " "	" 10, "
458.	♀	" "	" " "	" " "
459.	♂	Otocoris alpestris hoyti	" " "	" 19, "
460.	♀?	Pisobia bairdi. juv.	" " "	" " "
461.	?	" " "	" " "	" " "
462.	?	" " "	" " "	" " "
463.	?	" " "	" " "	" 20, "
464.	?	" " "	" " "	" " "
465.	♂	Otocoris alpestris hoyti. juv.	" " "	" " "
466.	?	Aegialitis semipalmata juv.	" " "	" " "

Coll. No.	Sex.	Species.	Locality.	Date.
467.	?	Aegialitis semipalmata. jur.	Bernard Harbor. N.W.T.	July 21, 1915.
468.	?	Pisobia bairdi. jur.	" " "	" " "
469.	?	" " "	" " "	" " "
470.	?	Calcarius l. lapponicus jur.	" " "	" " "
471.	♀	" " " "	" " "	" 22, "
472.	♂	Citellus parryi.	" " "	" " "
473.	?	C. l. lapponicus. jur.	" " "	" " "
474.	♂	" " " "	" " "	" 24, "
475.	?	Pisobia bairdi. jur.	" " "	" " "
476.	?	" " "	" " "	" " "
477.	♂	Oaria adamsi	" " "	" " "
478.	♀	" "	" " "	" " "
479.	?	Pisobia bairdi	" " "	" 26, "
480.	?	Calcarius l. lapponicus.	" " "	" " "
481.	♂	Otocoris alpestris hoyti.	" " "	" 28. "
482.	♂	Plectrophenax nivalis	" " "	" " "
483.	♂	Somateria v-nigra.	" " "	" 29. "
484.	♂	" "	" " "	" " "
485.	♂	Otocoris a. hoyti. ad.	" " "	" 31. "
486.	♂	Harelda hyemalis ad.	" " "	Aug. 1, 1915.
487.	♂	Somateria v-nigra.	" " "	" 3, "
488.	♀	Otocoris a. hoyti. ad.	" " "	" 2. "

Coll. No.	Sex.	Species.	Locality.	Date.
489.	♀	Otocoris a. hoyti. jun.	Bernard Harbor. N.W.T.	Aug. 2. 1915.
490.	♂	" " " "	" " "	" " "
491.	♂	Otocoris a. hoyti "	" " "	" " "
492.	♂	Plectrophenax nivalis ad.	" " "	" " "
493.	♂	" " "	" " "	" " "
494.	♂	Calcarius l. lapponica	" " "	" 4. "
495.	♀	Pisobia maculata.	" " "	" " "
496.	♂	" bairdi.	" " "	" " "
497.	♂	" "	" " "	" " "
498.	♀	Calcarius l. lapponicus	" " "	" 5. "
499.	♂	Garia pacifica ad.	" " "	" " "
500.	♀	Otocoris a. hoyti jr.	" " "	" 6. "
501.	♀	" " " "	" " "	" " "
502.	♀	Corvus corax principalis.	" " "	" 7. "
503.	♂	Garia pacifica ad.	" " "	" " "
504.	♀	Otocoris a. hoyti ad.	" " "	" 6. "
505.	♀	Somateria v-nigra.	" " "	" 8. "
506.	♀	" "	" " "	" " "
507.	♀	" spectabilis.	" " "	" " "
508.	♀	" "	" " "	" " "
509.	♀	Anthus rubescens	Cape Barrow, Coron. Gulf	" 13. "
510.	♂	Lepus arcticus Ogilbyi	Port Epworth. " "	" 11. "

Coll. No.	Sex	Species.	Locality.	Date.
511.	♀	Lepus arcticus Canus.	Cape Barrow, Coron. Co.	Aug. 14. 1915.
512.	♂	" " "	" " "	" " "
513.	♀	Calcarius L. lapponicus	" " "	" " "
514.	♀	" " "	" " "	" " "
515.	♂	Plectrophenax nivalis ~~Lepus arcticus canus~~	" " "	" " "
516.	♀	Lepus arcticus canus ~~Aegialitis semipalmata~~	~~Detention Harbour.~~	" " 16, "
517.	♀	Aegialitis semipalmata	Detention Harbor.	" " 16, "
518.	♀	~~Harelda hiemalis~~	" " "	" " "
519.	♀	Harelda hiemalis	" " "	" " "
520.				
521.	♀	Anthus rubescens	Moore Bay, Coron Co.	Aug. 19. 1915.
522.	♂	Lagopus l. rupestris	" " " "	" " "
523.	♂	" " "	" " " "	" " "
524.	♂	Gulo Luscus ad.	" " " "	" " "
525.	♂	Larus argentatus	Water Point, "	" 20, "
526.	♂	" "	" " " "	" " "
527	♂	Rangifer arcticus	" " " "	" "
528.	♀	Spizella m. montica	Hood River, N.W.T.	" 27. "
529.	♀	Acanthis sp	" " "	" " "
530.	♂	Rangifer arcticus	" " "	" " "
531.	♂	Ursus arctos richardsoni	Arctic Sound "	" 25, "
532.	♀	Lepus arcticus canus	Bathurst Inlet "	Sept. 1. "

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